

Converting Colors

XYZ(75.6731, 79.3030, 84.4616)

Have a look what the booklet for
XYZ(75.6731, 79.3030, 84.4616)
contains.

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Color

**XYZ(75.9047, 79.5187,
84.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E6E4
RGB	233, 230, 228
RGB Percent	91%, 90%, 89%
CMY	0.0863, 0.0980, 0.1059
CMYK	0.00, 0.01, 0.02, 0.09
HSL	24°, 10%, 90%
HSV	24°, 2%, 91%
XYZ	75.9047, 79.5187, 84.7468
YIQ	230.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

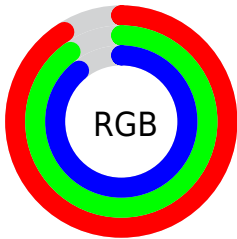
Format	Color
R_{YB}	233, 231, 228
Decimal	15328996
CIE _{Lab}	91.47, 0.66, 1.32
CIE _{LCh}	91, 1.476, 63.339
Yxy	79.5187, 0.3160, 0.3311
Android (android.graphics.Color)	4293519076 (0xFFE9E6E4)
YUV	230.6690, -1.3158, 2.0443
Hunter-Lab	89.1733, -4.1132, 6.0744

Details

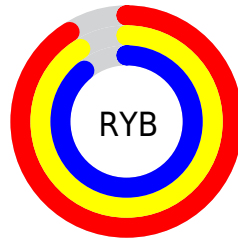
The XYZ color **75.9047, 79.5187, 84.7468** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2788, 79.5280, 88.4748**, and the grayscale version is **75.7198, 79.6631, 86.7531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0043, 43.0242, 45.6785** is the 20% darker color. If you saturate the color by 10%, you get **69.1553, 70.8515, 67.5997**, and if you desaturate by 10%, it is **83.4058, 88.9896, 104.2971**.

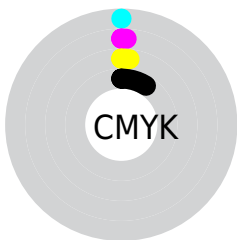
Distribution



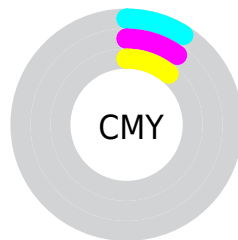
- Red (91%)
- Green (90%)
- Blue (89%)



- Red (91%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9047, 79.5187, 84.7468 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.9047, 79.5187, 84.7468 by changing the saturation by 10% instead.

■ 75.9047, 79.5187,
84.7468

■ 75.9047, 79.5187,
84.7468

469.9708,
493.3093, 530.9126

■ 56.6511, 59.3224,
63.0832

126.5733,
132.6888, 141.8904

■ 40.9643, 42.8727,
45.4671

158.7190,
166.4314, 178.2075

■ 28.4787, 29.7852,
31.4799

195.8928,
205.4583, 220.2462

■ 18.8291, 19.6756,
20.7030

238.4601,
250.1537, 268.4250

■ 11.6501, 12.1595,
12.7180

286.7861,
300.9021, 323.1626

■ 6.5764, 6.8524,
7.1062

341.2364,

■ 3.2426, 3.3700,

358.0879, 384.8773

3.4491

402.1762,
422.0955, 453.9878

■ 1.2833, 1.3278,
1.3283

■ 0.1707, 0.1626,
0.0848

■ 75.9047, 79.5187,
84.7468

■ 75.9047, 79.5187,
84.7468

■ 69.1553, 70.8515,
67.5997

■ 83.4058, 88.9896,
104.2971

■ 63.1264, 62.9563,
52.7569

■ 87.4148, 96.0639,
108.5427

■ 57.7941, 55.8141,
40.1205

■ 53.1308, 49.4012,
29.5834

■ 49.1068, 43.6929,
21.0293

■ 45.6899, 38.6624,
14.3306

■ 42.8446, 34.2815,
9.3448

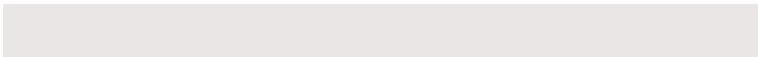
■ 40.5309, 30.5189,
5.9077

■ 38.7022, 27.3401,
3.8226

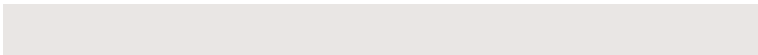
Harmonies

Analogous

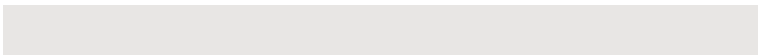
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1852, 79.5187, 85.4504



75.9047, 79.5187, 84.7468



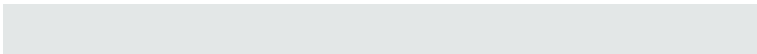
75.5381, 79.5187, 84.5336

Triad

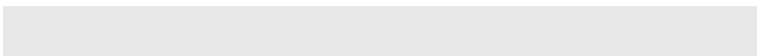
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9047, 79.5187, 84.7468



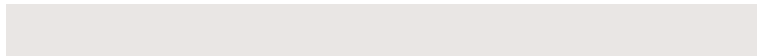
74.8614, 79.5187, 86.7029



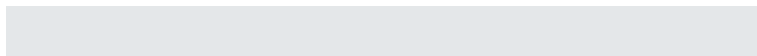
75.9778, 79.5187, 88.3220

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



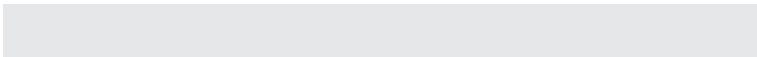
75.9047, 79.5187, 84.7468



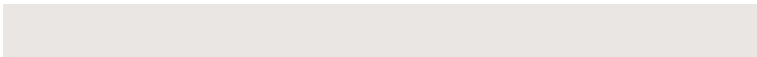
75.2788, 79.5280, 88.4748

Split Complementary

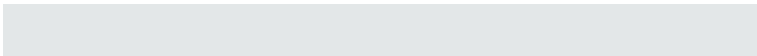
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6222, 79.5187, 88.6639



75.9047, 79.5187, 84.7468



74.9783, 79.5187, 87.7242

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



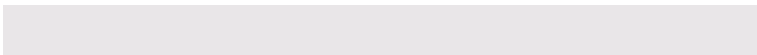
75.9047, 79.5187, 84.7468



74.9365, 79.5187, 85.6575



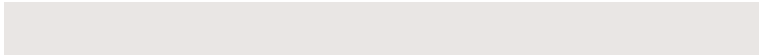
75.2565, 79.5187, 88.4442



76.2275, 79.5187, 87.5139

Rectangle

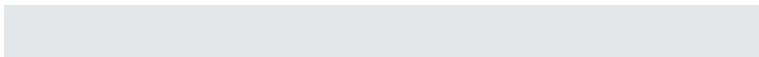
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



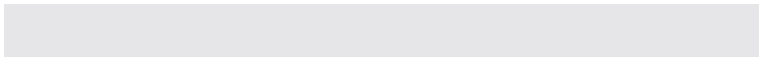
75.9047, 79.5187, 84.7468



75.2943, 79.5187, 84.6969



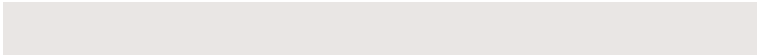
75.2565, 79.5187, 88.4442



75.8667, 79.5187, 88.4956

Sweetspot

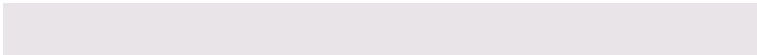
The Sweet Spot groups the original color and five complimentary colors.



75.9069, 79.5221, 84.7485



94.1566, 98.8658, 106.5902



75.7726, 78.5812, 86.7765



20.1628, 21.1733, 22.8390



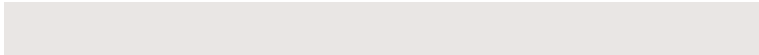
0.0000, 0.0000, 0.0000



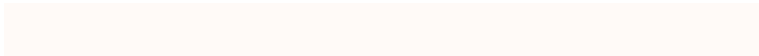
20.3446, 21.4041, 23.3091

Same Dimension

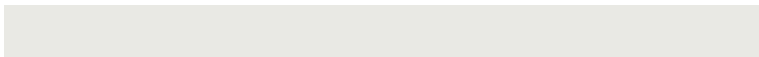
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9069, 79.5221, 84.7485



92.3976, 96.6271, 102.0602



76.6066, 80.9214, 84.9817



16.4077, 17.1313, 17.9492



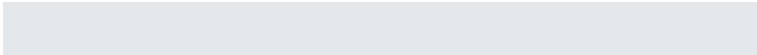
21.4218, 14.5378, 1.6770



1.7740, 1.3254, 0.1623

Inverse Universe

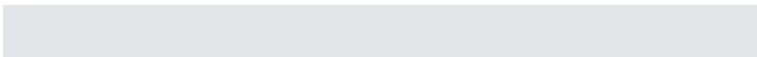
The Inverse Universe completely reimagines the original color for something new.



75.2788, 79.5280, 88.4748



91.3210, 96.6372, 108.4474



74.5852, 78.1407, 88.2435



16.1670, 17.1335, 19.3773



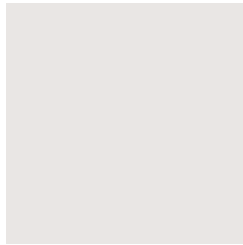
13.7596, 14.1662, 45.7521



1.1742, 1.2999, 3.6239

Previews

White Background



This preview shows how the XYZ color 75.9047, 79.5187, 84.7468 looks on a white background.

Color Contrast Check

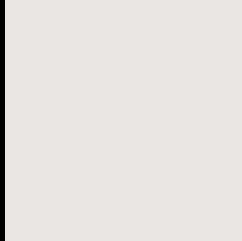
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.9047, 79.5187, 84.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

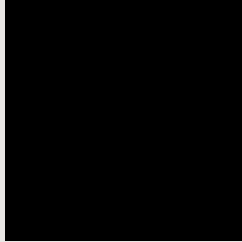
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

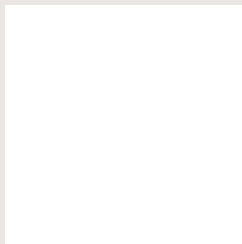
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9047, 79.5187, 84.7468

Background



This preview shows how black text looks on a background with the XYZ color 75.9047, 79.5187, 84.7468.



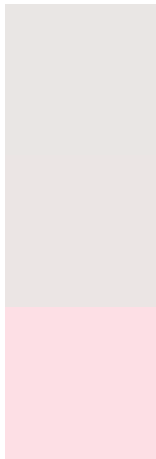
This preview shows how white text looks on a background with the XYZ color 75.9047, 79.5187,

84.7468.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.9047, 79.5187, 84.7468

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

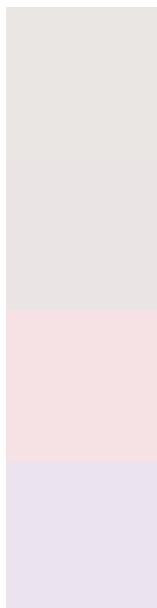
81.0385, 79.3151, 85.1669



Tritanopia

78.5426, 79.3636, 97.5653

Trichromacy



Original Color

75.9047, 79.5187, 84.7468

Protanomaly

75.9546, 79.1325, 84.6696

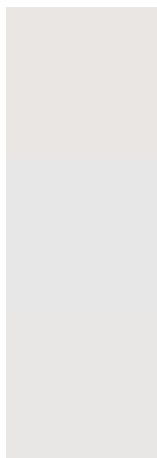
Deuteranomaly

79.3452, 79.6427, 85.3194

Tritanomaly

77.5843, 79.3810, 92.8943

Monochromacy



Original Color

75.9047, 79.5187, 84.7468

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1376, 80.0208, 86.2956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9047, 79.5187, 84.7468 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(233, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(233, 230, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.9047, 79.5187, 84.7468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 230, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 230, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(233, 230,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9047, 79.5187, 84.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 230, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
230, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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