

Converting Colors

XYZ(75.3295, 78.8632, 84.9422)

Have a look what the booklet for
XYZ(75.3295, 78.8632, 84.9422)
contains.

XYZ(75.3016, 78.7959, 84.6391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.3016, 78.7959,
84.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5E4
RGB	232, 229, 228
RGB Percent	91%, 90%, 89%
CMY	0.0902, 0.1019, 0.1059
CMYK	0.00, 0.01, 0.02, 0.09
HSL	15°, 8%, 90%
HSV	15°, 2%, 91%
XYZ	75.3016, 78.7959, 84.6391
YIQ	229.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

Format	Color
R_{YB}	232, 229, 228
Decimal	15263204
CIE Lab	91.14, 0.84, 0.83
CIE LCh	91, 1.182, 44.847
Yxy	78.7959, 0.3154, 0.3301
Android (android.graphics.Color)	4293453284 (0xFFE8E5E4)
YUV	229.7830, -0.8790, 1.9443
Hunter-Lab	88.7671, -3.9198, 5.6041

Details

The XYZ color **75.3016, 78.7959, 84.6391** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1362, 79.4708, 87.7242**, and the grayscale version is **75.0605, 78.9695, 85.9978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5834, 42.5193, 45.6032** is the 20% darker color. If you saturate the color by 10%, you get **67.7256, 68.4561, 67.2759**, and if you desaturate by 10%, it is **83.7956, 90.2779, 104.4425**.

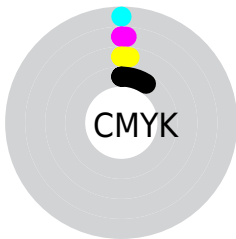
Distribution



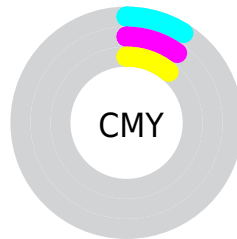
- Red (91%)
- Green (90%)
- Blue (89%)



- Red (91%)
- Yellow (90%)
- 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 75.3016, 78.7959, 84.6391 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 75.3016, 78.7959, 84.6391 by changing the saturation by 10% instead.

■ 75.3016, 78.7959,
84.6391

■ 75.3016, 78.7959,
84.6391

467.9348,
490.8656, 530.5465

■ 56.1551, 58.7280,
62.9948

125.7248,
131.6715, 141.7385

■ 40.5647, 42.3942,
45.3960

157.7322,
165.2480, 178.0307

■ 28.1653, 29.4101,
31.4243

194.7573,
204.0961, 220.0426

■ 18.5914, 19.3913,
20.6610

237.1653,
248.6003, 268.1927

■ 11.4777, 11.9533,
12.6876

285.3217,
299.1450, 322.8996

■ 6.4587, 6.7119,
7.0856

339.5919,

■ 3.1693, 3.2826,

356.1145, 384.5819

3.4364

400.3411,
419.8932, 453.6580

■ 1.2439, 1.2810,
1.3216

■ 0.1406, 0.1264,
0.0794

■ 75.3016, 78.7959,
84.6391

■ 75.3016, 78.7959,
84.6391

■ 67.7256, 68.4561,
67.2759

■ 83.7956, 90.2779,
104.4425

■ 61.0297, 59.2133,
52.2530

■ 87.0891, 95.8960,
108.5274

■ 55.1831, 51.0342,
39.4712

■ 50.1509, 43.8798,
28.8224

■ 45.8953, 37.7090,
20.1891

■ 42.3757, 32.4775,
13.4427

■ 39.5473, 28.1378,
8.4395

■ 37.3601, 24.6377,
5.0147

■ 35.7560, 21.9190,
2.9713

Harmonies

Analogous

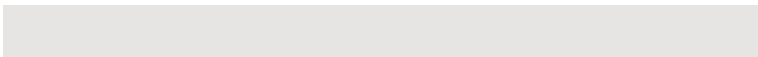
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4504, 78.7959, 85.3740



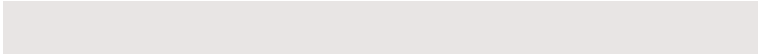
75.3016, 78.7959, 84.6391



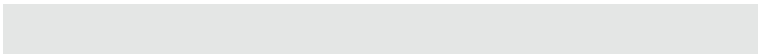
75.0436, 78.7959, 84.2154

Triad

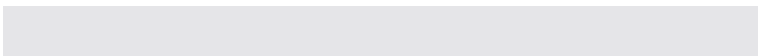
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3016, 78.7959, 84.6391



74.3394, 78.7959, 85.3656



75.0406, 78.7959, 87.3972

Complementary

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



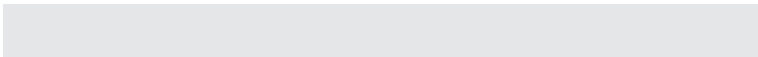
75.3016, 78.7959, 84.6391



75.1362, 79.4708, 87.7242

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.



74.7429, 78.7959, 87.3949



75.3016, 78.7959, 84.6391



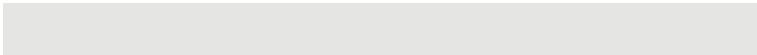
74.3386, 78.7959, 86.2181

Square

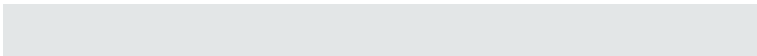
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



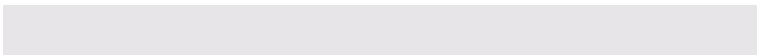
75.3016, 78.7959, 84.6391



74.4883, 78.7959, 84.6329



74.4862, 78.7959, 86.9621



75.2994, 78.7959, 86.9683

Rectangle

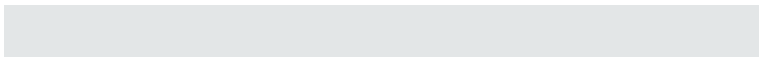
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



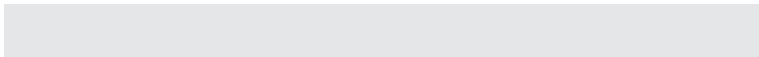
75.3016, 78.7959, 84.6391



74.8446, 78.7959, 84.1647



74.4862, 78.7959, 86.9621



74.9417, 78.7959, 87.4469

Sweetspot

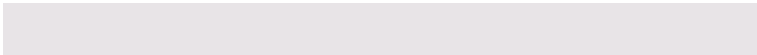
The Sweet Spot groups the original color and five complimentary colors.



75.3038, 78.7993, 84.6408



94.0358, 98.6243, 106.5500



75.4470, 78.4133, 86.7611



20.1382, 21.1242, 22.8308



0.0000, 0.0000, 0.0000



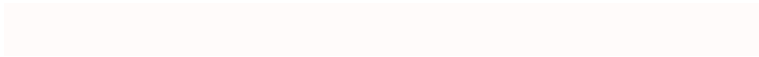
20.3446, 21.4041, 23.3091

Same Dimension

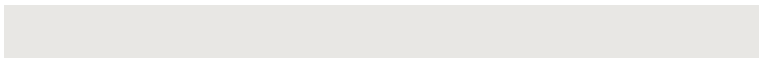
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3038, 78.7993, 84.6408



93.0332, 97.2629, 104.2305



75.8593, 79.9102, 84.8260



15.8960, 16.6251, 17.8336



19.4061, 11.3864, 1.1750



1.5067, 0.9866, 0.1110

Inverse Universe

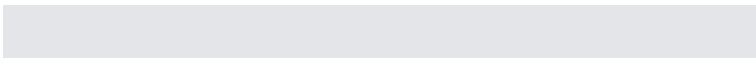
The Inverse Universe completely reimagines the original color for something new.



75.1362, 79.4708, 87.7242



92.7915, 98.2314, 108.6777



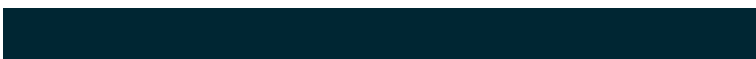
74.5808, 78.3600, 87.5391



15.8572, 16.7806, 18.5476



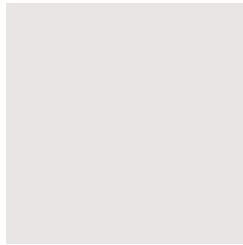
16.5687, 20.1995, 45.4088



1.2970, 1.6379, 3.3798

Previews

White Background



This preview shows how the XYZ color 75.3016, 78.7959, 84.6391 looks on a white background.

Color Contrast Check

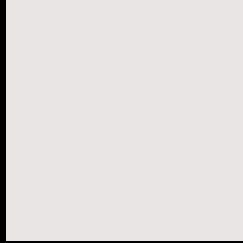
Large Text (above 18pt) WCAG AA × Fail

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 75.3016, 78.7959, 84.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

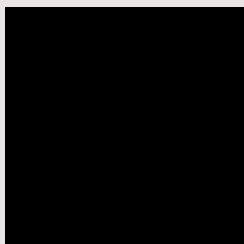
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

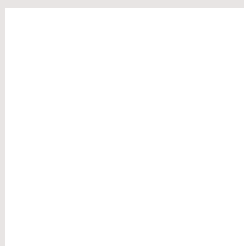
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3016, 78.7959, 84.6391

Background



This preview shows how black text looks on a background with the XYZ color 75.3016, 78.7959, 84.6391.



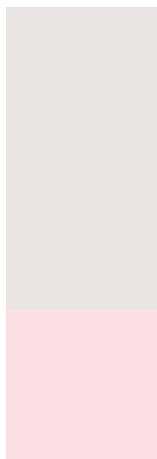
This preview shows how white text looks on a background with the XYZ color 75.3016, 78.7959,

84.6391.

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

75.3016, 78.7959, 84.6391

Protanopia

75.6787, 78.5807, 84.5777

Deuteranopia

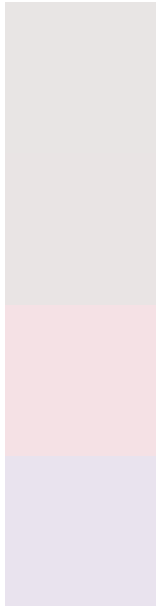
80.4090, 78.5951, 85.0611



Tritanopia

77.4572, 78.4168, 96.6415

Trichromacy



Original Color

75.3016, 78.7959, 84.6391

Protanomaly

75.3513, 78.4119, 84.5624

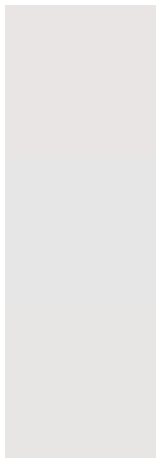
Deuteranomaly

78.7243, 78.9200, 85.2126

Tritanomaly

76.5060, 78.4349, 91.9961

Monochromacy



Original Color

75.3016, 78.7959, 84.6391

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3947, 79.2397, 85.4498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3016, 78.7959, 84.6391 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(232, 229, 228) looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 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(232, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.3016, 78.7959, 84.6391 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(232, 229, 228) }
```


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

```
.border{ border-color:rgb(232, 229, 228) }
```

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

Here you see how a box with a 4 pixel rgb(232, 229, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3016, 78.7959, 84.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 228) }
```

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

```
.background{ background-color: rgb(232,  
229, 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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