

Converting Colors

XYZ(75.3025, 79.0181, 83.9530)

Have a look what the booklet for
XYZ(75.3025, 79.0181, 83.9530)
contains.

XYZ(75.4407, 79.2955, 84.0025)	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(75.4407, 79.2955,
84.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E6E3
RGB	232, 230, 227
RGB Percent	91%, 90%, 89%
CMY	0.0902, 0.0980, 0.1098
CMYK	0.00, 0.01, 0.02, 0.09
HSL	36°, 10%, 90%
HSV	36°, 2%, 91%
XYZ	75.4407, 79.2955, 84.0025
YIQ	230.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

Format	Color
R _Y B	230, 232, 227
Decimal	15263459
CIE Lab	91.37, 0.15, 1.69
CIE LCh	91, 1.692, 84.956
Yxy	79.2955, 0.3160, 0.3321
Android (android.graphics.Color)	4293453539 (0xFFE8E6E3)
YUV	230.2560, -1.6052, 1.5295
Hunter-Lab	89.0480, -4.6104, 6.4030

Details

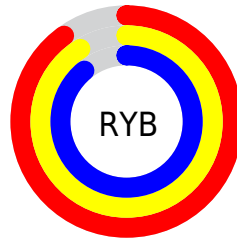
The XYZ color **75.4407, 79.2955, 84.0025** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2635, 78.1948, 87.5241**, and the grayscale version is **75.4157, 79.3431, 86.4047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6809, 42.8686, 45.1601** is the 20% darker color. If you saturate the color by 10%, you get **69.9433, 73.0839, 67.4222**, and if you desaturate by 10%, it is **81.5110, 85.9605, 102.9045**.

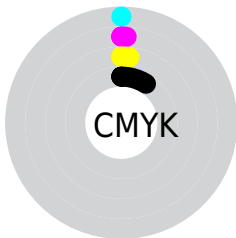
Distribution



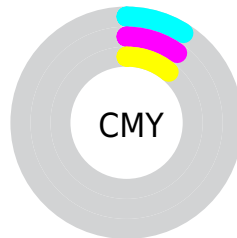
- Red (91%)
- Green (90%)
- Blue (89%)



- Red (90%)
- 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 75.4407, 79.2955, 84.0025 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 75.4407, 79.2955, 84.0025 by changing the saturation by 10% instead.

■ 75.4407, 79.2955,
84.0025

■ 75.4407, 79.2955,
84.0025

468.4048,
492.5554, 528.3798

■ 56.2694, 59.1388,
62.4721

125.9206,
132.3748, 140.8404

■ 40.6568, 42.7249,
44.9760

157.9599,
166.0662, 176.9850

■ 28.2375, 29.6693,
31.0957

195.0193,
205.0379, 218.8381

■ 18.6462, 19.5877,
20.4127

237.4641,
249.6743, 266.8183

■ 11.5174, 12.0957,
12.5083

285.6597,
300.3599, 321.3439

■ 6.4858, 6.8089,
6.9641

339.9715,

■ 3.1861, 3.3429,

357.4790, 382.8337

3.3616

400.7647,
421.4161, 451.7062

■ 1.2529, 1.3132,
1.2821

■ 0.1476, 0.1514,
0.0470

■ 75.4407, 79.2955,
84.0025

■ 75.4407, 79.2955,
84.0025

■ 69.9433, 73.0839,
67.4222

■ 81.5110, 85.9605,
102.9045

■ 64.9930, 67.3043,
53.0674

■ 85.0595, 91.8367,
107.8509

■ 60.5716, 61.9486,
40.8430

■ 87.0892, 95.8961,
108.5274

■ 56.6571, 57.0045,
30.6447

■ 53.2260, 52.4589,
22.3594

■ 50.2526, 48.2978,
15.8631

■ 47.7082, 44.5059,
11.0166

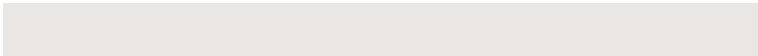
■ 45.5601, 41.0661,
7.6599

■ 43.7693, 37.9590,
5.6008

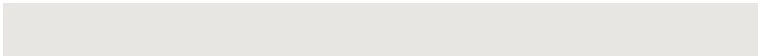
Harmonies

Analogous

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



75.8436, 79.2955, 84.4156



75.4407, 79.2955, 84.0025



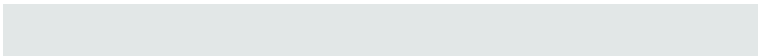
75.0198, 79.2955, 84.2107

Triad

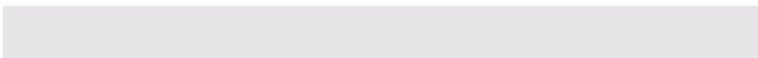
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4407, 79.2955, 84.0025



74.6210, 79.2955, 87.3420



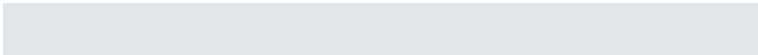
76.0468, 79.2955, 87.7058

Complementary

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



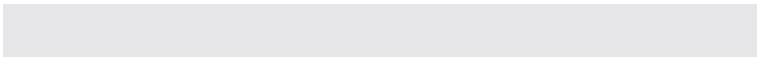
75.4407, 79.2955, 84.0025



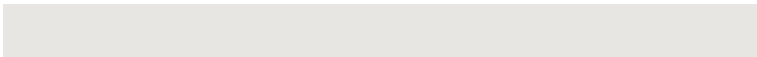
74.2635, 78.1948, 87.5241

Split Complementary

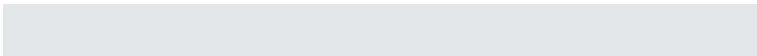
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7173, 79.2955, 88.5035



75.4407, 79.2955, 84.0025



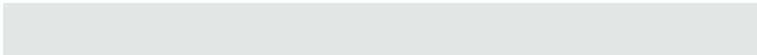
74.8943, 79.2955, 88.2921

Square

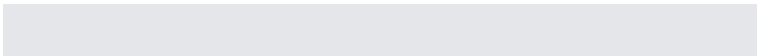
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4407, 79.2955, 84.0025



74.5476, 79.2955, 86.1313



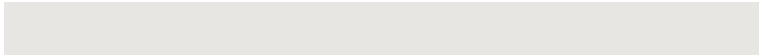
75.2953, 79.2955, 88.7191



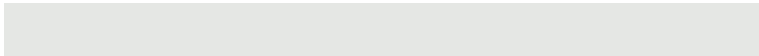
76.1944, 79.2955, 86.5476

Rectangle

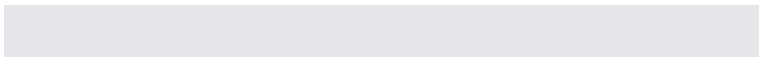
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



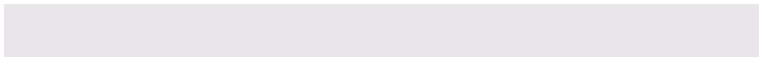
75.4407, 79.2955, 84.0025



74.7854, 79.2955, 84.6748



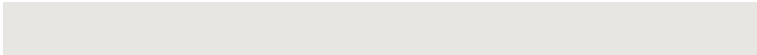
75.2953, 79.2955, 88.7191



75.9536, 79.2955, 88.0255

Sweetspot

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



75.4429, 79.2989, 84.0042



94.3182, 99.1890, 106.6441



74.8918, 77.7524, 85.1904



20.1957, 21.2391, 22.8500



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.



75.4429, 79.2989, 84.0042



92.8760, 97.5839, 102.2196



75.8395, 80.3327, 84.1829



15.7565, 16.5491, 17.1614



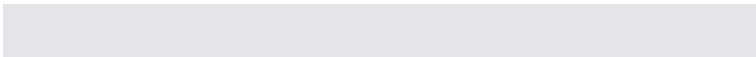
23.7579, 20.0899, 2.6256



1.8459, 1.6651, 0.2241

Inverse Universe

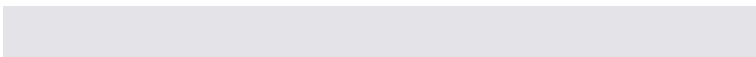
The Inverse Universe completely reimagines the original color for something new.



74.2635, 78.1948, 87.5241



90.8426, 95.6804, 108.2880



73.8723, 77.1780, 87.3484



15.3238, 16.1440, 18.4528



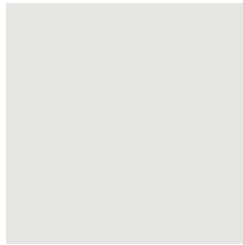
10.3560, 7.7740, 43.3379



0.8541, 0.7521, 3.2321

Previews

White Background



This preview shows how the XYZ color 75.4407, 79.2955, 84.0025 looks on a white background.

Color Contrast Check

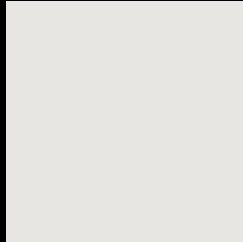
Large Text (above 18pt) WCAG AA × Fail

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 75.4407, 79.2955, 84.0025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

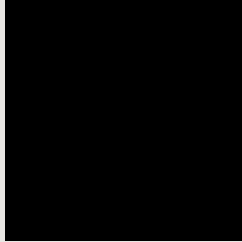
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

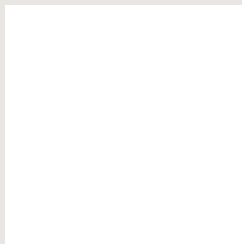
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4407, 79.2955, 84.0025

Background



This preview shows how black text looks on a background with the XYZ color 75.4407, 79.2955, 84.0025.

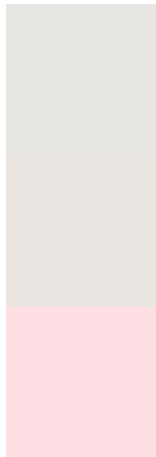


This preview shows how white text looks on a background with the XYZ color 75.4407, 79.2955,

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

75.4407, 79.2955, 84.0025

Protanopia

76.0077, 79.1918, 83.2310

Deuteranopia

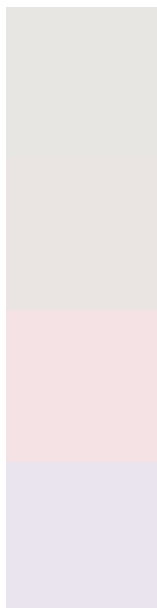
80.8993, 79.2594, 84.4335



Tritanopia

78.2115, 79.1929, 97.5498

Trichromacy



Original Color

75.4407, 79.2955, 84.0025

Protanomaly

75.6785, 79.0220, 83.2156

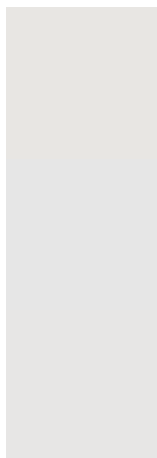
Deuteranomaly

78.8561, 79.4066, 84.5696

Tritanomaly

77.1077, 79.1523, 92.1028

Monochromacy



Original Color

75.4407, 79.2955, 84.0025

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 75.4407, 79.2955, 84.0025 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, 230, 227) looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 227)  
}
```

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, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.4407, 79.2955, 84.0025 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, 230, 227) }
```


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

```
.border{ border-color:rgb(232, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4407, 79.2955, 84.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 227) }
```

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

```
.background{ background-color: rgb(232,  
230, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor