

Converting Colors

XYZ(75.4230, 78.9168, 82.9912)

Have a look what the booklet for
XYZ(75.4230, 78.9168, 82.9912)
contains.

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Color

**XYZ(75.3511, 78.8532,
83.2003)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E5E2
RGB	233, 229, 226
RGB Percent	91%, 90%, 89%
CMY	0.0863, 0.1019, 0.1137
CMYK	0.00, 0.02, 0.03, 0.09
HSL	26°, 14%, 90%
HSV	26°, 3%, 91%
XYZ	75.3511, 78.8532, 83.2003
YIQ	229.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

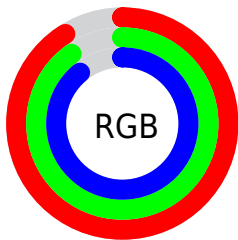
Format	Color
R _Y B	233, 231, 226
Decimal	15328738
CIE Lab	91.17, 0.83, 1.93
CIE LCh	91, 2.097, 66.753
Yxy	78.8532, 0.3174, 0.3321
Android (android.graphics.Color)	4293518818 (0xFFE9E5E2)
YUV	229.8540, -1.9000, 2.7590
Hunter-Lab	88.7993, -3.9318, 6.6079

Details

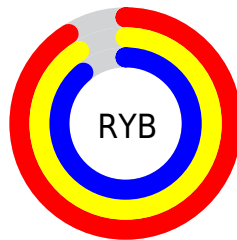
The XYZ color **75.3511, 78.8532, 83.2003** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3690, 78.6448, 88.3523**, and the grayscale version is **75.1196, 79.0317, 86.0655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6182, 42.5595, 44.6021** is the 20% darker color. If you saturate the color by 10%, you get **68.8287, 70.5814, 66.3095**, and if you desaturate by 10%, it is **82.5945, 87.8697, 102.4769**.

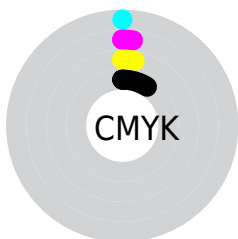
Distribution



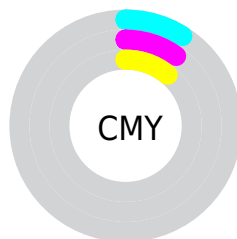
- Red (91%)
- Green (90%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3511, 78.8532, 83.2003 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 75.3511, 78.8532, 83.2003 by changing the saturation by 10% instead.

■ 75.3511, 78.8532,
83.2003

■ 75.3511, 78.8532,
83.2003

468.1021,
491.0596, 525.6423

■ 56.1958, 58.7751,
61.8138

125.7945,
131.7522, 139.7077

■ 40.5975, 42.4321,
44.4475

157.8132,
165.3419, 175.6657

■ 28.1910, 29.4398,
30.6827

194.8505,
204.2042, 217.3180

■ 18.6109, 19.4138,
20.1009

237.2717,
248.7236, 265.0831

■ 11.4918, 11.9696,
12.2836

285.4420,
299.2844, 319.3795

■ 6.4684, 6.7230,
6.8123

339.7270,

■ 3.1753, 3.2895,

356.2711, 380.6258

3.2683

400.4919,
420.0680, 449.2406

■ 1.2471, 1.2847,
1.2332

■ 0.1431, 0.1293,
0.0061

■ 75.3511, 78.8532,
83.2003

■ 75.3511, 78.8532,
83.2003

■ 68.8287, 70.5814,
66.3095

■ 82.5945, 87.8697,
102.4769

■ 62.9970, 63.0246,
51.7056

■ 87.4148, 96.0639,
108.5427

■ 57.8332, 56.1657,
39.2904

■ 53.3104, 49.9833,
28.9563

■ 49.4000, 44.4546,
20.5867

■ 46.0708, 39.5554,
14.0533

■ 43.2882, 35.2596,
9.2123

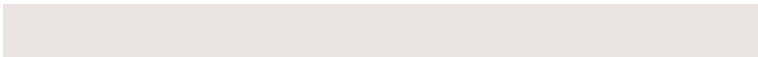
■ 41.0133, 31.5388,
5.8980

■ 39.2000, 28.3611,
3.9102

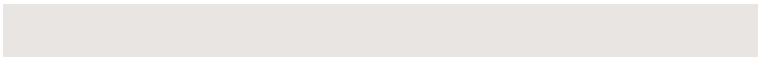
Harmonies

Analogous

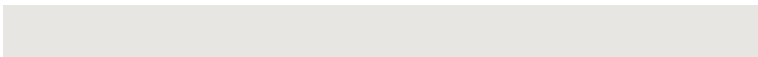
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7682, 78.8532, 84.1208



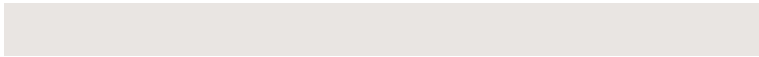
75.3511, 78.8532, 83.2003



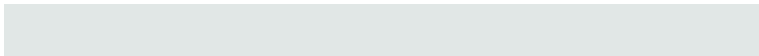
74.8277, 78.8532, 82.9880

Triad

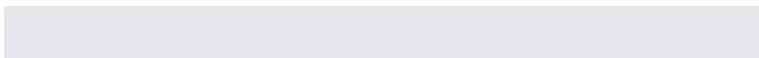
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3511, 78.8532, 83.2003



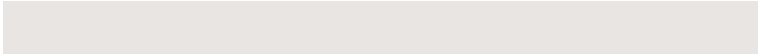
73.9388, 78.8532, 86.2019



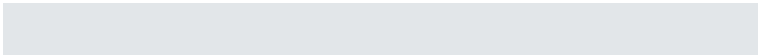
75.5599, 78.8532, 88.2207

Complementary

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



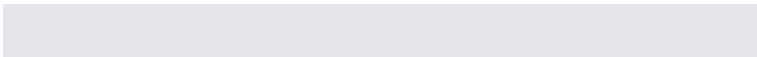
75.3511, 78.8532, 83.2003



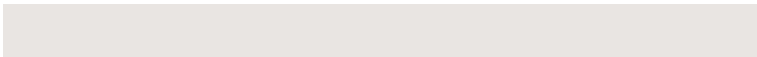
74.3690, 78.6448, 88.3523

Split Complementary

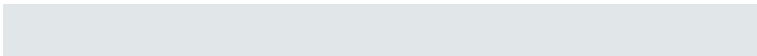
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0677, 78.8532, 88.7929



75.3511, 78.8532, 83.2003



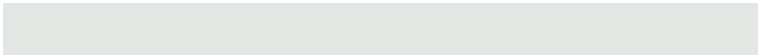
74.1329, 78.8532, 87.6184

Square

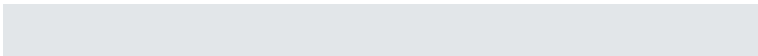
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



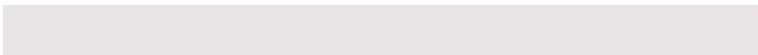
75.3511, 78.8532, 83.2003



74.0139, 78.8532, 84.7094



74.5455, 78.8532, 88.5712



75.8892, 78.8532, 87.0164

Rectangle

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



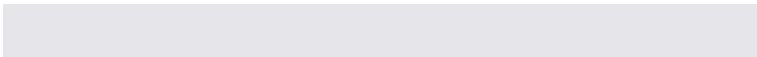
75.3511, 78.8532, 83.2003



74.4892, 78.8532, 83.2743



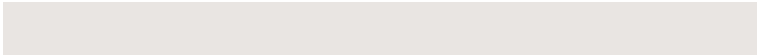
74.5455, 78.8532, 88.5712



75.4079, 78.8532, 88.4940

Sweetspot

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



75.3533, 78.8566, 83.2020



94.1794, 98.9115, 106.5978



75.0965, 77.4355, 85.9140



20.1675, 21.1826, 22.8406



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.



75.3533, 78.8566, 83.2020



91.6213, 95.7011, 99.8694



76.3070, 80.7640, 83.5199



16.2816, 16.9838, 17.5849



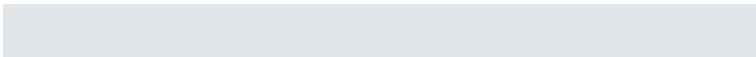
21.7702, 15.2346, 1.7932



1.8033, 1.3838, 0.1721

Inverse Universe

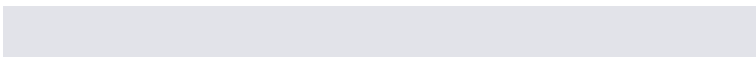
The Inverse Universe completely reimagines the original color for something new.



74.3690, 78.6448, 88.3523



90.0160, 95.3556, 108.2689



73.4285, 76.7637, 88.0388



15.9450, 16.9113, 19.3461



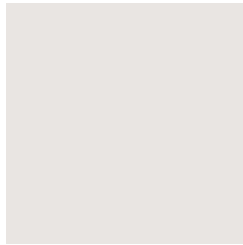
13.2318, 13.1106, 45.5762



1.1342, 1.2199, 3.6106

Previews

White Background



This preview shows how the XYZ color 75.3511, 78.8532, 83.2003 looks on a white background.

Color Contrast Check

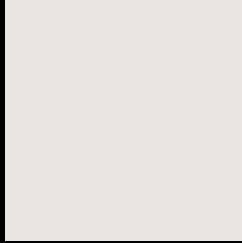
Large Text (above 18pt) WCAG AA × Fail

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 75.3511, 78.8532, 83.2003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

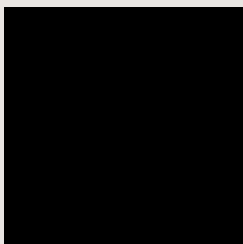
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

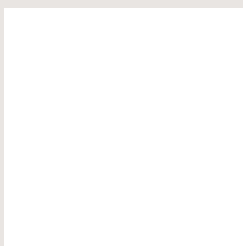
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3511, 78.8532, 83.2003

Background



This preview shows how black text looks on a background with the XYZ color 75.3511, 78.8532, 83.2003.

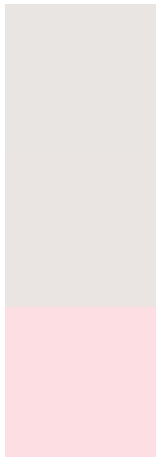


This preview shows how white text looks on a background with the XYZ color 75.3511, 78.8532,

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

75.3511, 78.8532, 83.2003

Protanopia

75.6785, 79.0220, 83.2156

Deuteranopia

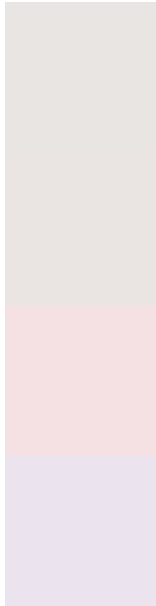
80.1313, 78.4841, 83.5986



Tritanopia

78.1176, 78.7572, 96.6724

Trichromacy



Original Color

75.3511, 78.8532, 83.2003

Protanomaly

75.6785, 79.0220, 83.2156

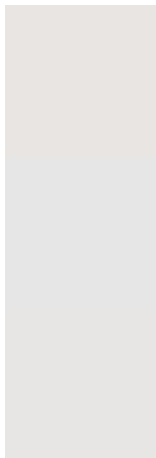
Deuteranomaly

78.4465, 78.8090, 83.7501

Tritanomaly

77.0161, 78.7148, 91.2550

Monochromacy



Original Color

75.3511, 78.8532, 83.2003

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 75.3511, 78.8532, 83.2003 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, 229, 226) looks like.

```
.text, #text, p{  
    color:rgb(233, 229, 226)  
}
```

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, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 229, 226) }
```

Border

The CSS property to change the border of an element to XYZ 75.3511, 78.8532, 83.2003 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, 229, 226) }
```


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

```
.border{ border-color:rgb(233, 229, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 229,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3511, 78.8532, 83.2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 229, 226) }
```

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

```
.background{ background-color: rgb(233,  
229, 226) }
```

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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