

Converting Colors

XYZ(72.4553, 75.7793, 75.9161)

Have a look what the booklet for
XYZ(72.4553, 75.7793, 75.9161)
contains.

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Color

**XYZ(72.5986, 75.9641,
75.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E1D8
RGB	232, 225, 216
RGB Percent	91%, 88%, 85%
CMY	0.0902, 0.1176, 0.1529
CMYK	0.00, 0.03, 0.07, 0.09
HSL	34°, 26%, 88%
HSV	34°, 7%, 91%
XYZ	72.5986, 75.9641, 75.8019
YIQ	226.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

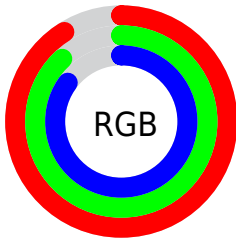
Format	Color
R _Y B	228, 232, 216
Decimal	15262168
CIE Lab	89.84, 0.83, 5.23
CIE LCh	90, 5.297, 80.933
Yxy	75.9641, 0.3236, 0.3386
Android (android.graphics.Color)	4293452248 (0xFFE8E1D8)
YUV	226.0670, -4.9630, 5.2032
Hunter-Lab	87.1574, -3.8421, 9.4449

Details

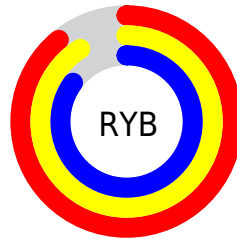
The XYZ color **72.5986, 75.9641, 75.8019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2720, 73.1993, 86.8227**, and the grayscale version is **72.3702, 76.1391, 82.9154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7122, 40.5528, 39.5053** is the 20% darker color. If you saturate the color by 10%, you get **67.1478, 69.5279, 60.2172**, and if you desaturate by 10%, it is **78.6401, 82.9023, 93.6746**.

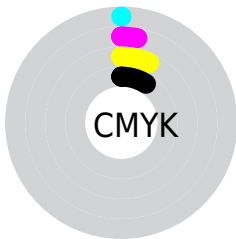
Distribution



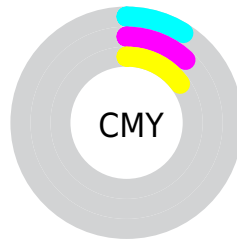
- Red (91%)
- Green (88%)
- Blue (85%)



- Red (89%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5986, 75.9641, 75.8019 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 72.5986, 75.9641, 75.8019 by changing the saturation by 10% instead.

■ 72.5986, 75.9641,
75.8019

■ 72.5986, 75.9641,
75.8019

458.7478,
481.2248, 499.9981

■ 53.9350, 56.4031,
55.7644

121.9134,
127.6762, 129.2044

■ 38.7802, 40.5262,
39.6113

153.2953,
160.5960, 163.4064

■ 26.7687, 27.9490,
26.9242

189.6474,
198.7375, 203.1670

■ 17.5353, 18.2872,
17.2843

231.3351,
242.4852, 248.9048

■ 10.7145, 11.1564,
10.2733

278.7235,
292.2233, 301.0383

■ 5.9411, 6.1721,
5.4726

332.1783,

■ 2.8496, 2.9500,

348.3364, 359.9859

2.4636

392.0646,
411.2087, 426.1663

■ 1.0747, 1.1057,
0.8208

■ 0.0038, 0.0000,
0.0000

■ 72.5986, 75.9641,
75.8019

■ 72.5986, 75.9641,
75.8019

■ 67.1478, 69.5279,
60.2172

■ 78.6401, 82.9023,
93.6746

■ 62.2610, 63.5709,
46.8217

■ 84.0704, 89.8585,
107.5212

■ 57.9184, 58.0833,
35.5166

■ 87.0891, 95.8960,
108.5274

■ 54.0968, 53.0510,
26.1936

■ 50.7708, 48.4588,
18.7344

■ 47.9125, 44.2908,
13.0081

■ 45.4909, 40.5292,
8.8663

■ 43.4698, 37.1542,
6.1357

■ 41.8036, 34.1420,
4.5935

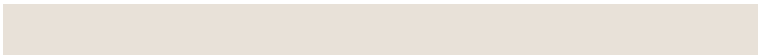
Harmonies

Analogous

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



73.7981, 75.9641, 77.2453



72.5986, 75.9641, 75.8019



71.3069, 75.9641, 76.1661

Triad

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



72.5986, 75.9641, 75.8019



69.8782, 75.9641, 85.3119



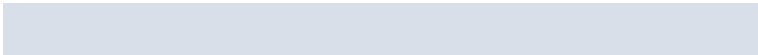
74.1717, 75.9641, 87.3344

Complementary

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



72.5986, 75.9641, 75.8019



69.2720, 73.1993, 86.8227

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.



73.1038, 75.9641, 89.6226



72.5986, 75.9641, 75.8019



70.6283, 75.9641, 88.4307

Square

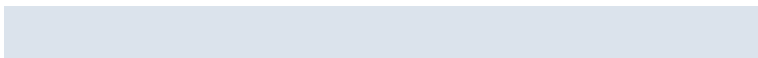
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5986, 75.9641, 75.8019



69.7467, 75.9641, 81.5823



71.8060, 75.9641, 90.0298



74.7135, 75.9641, 83.8521

Rectangle

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



72.5986, 75.9641, 75.8019



70.5665, 75.9641, 77.3895



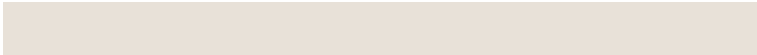
71.8060, 75.9641, 90.0298



73.8618, 75.9641, 88.2730

Sweetspot

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



72.6007, 75.9674, 75.8035



93.5324, 98.2613, 104.3969



71.1818, 71.6071, 80.0244



20.0357, 21.0503, 22.3924



0.0000, 0.0000, 0.0000



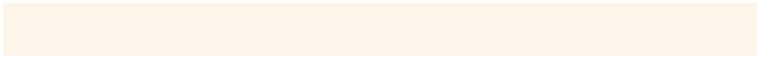
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6007, 75.9674, 75.8035



89.1579, 93.1955, 91.5840



74.2718, 79.6943, 76.4348



15.0465, 15.7070, 15.1432



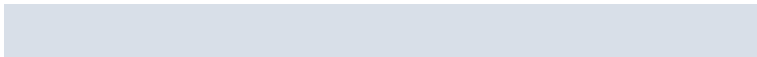
23.0758, 18.7258, 2.3982



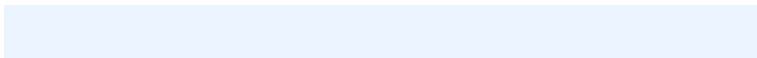
1.7973, 1.5679, 0.2079

Inverse Universe

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



69.2720, 73.1993, 86.8227



84.3853, 89.2268, 107.3827



67.6783, 69.6601, 86.2236



14.0987, 14.9188, 18.2809



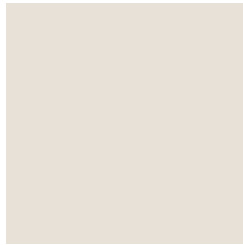
10.8139, 8.6899, 43.4905



0.8902, 0.8243, 3.2442

Previews

White Background



This preview shows how the XYZ color 72.5986, 75.9641, 75.8019 looks on a white background.

Color Contrast Check

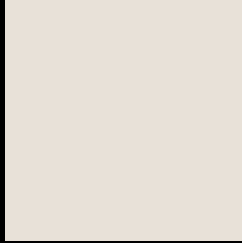
Large Text (above 18pt) WCAG AA × Fail

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 72.5986, 75.9641, 75.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

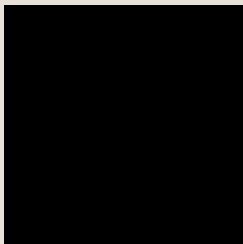
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

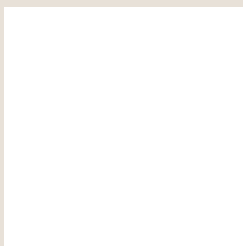
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5986, 75.9641, 75.8019

Background



This preview shows how black text looks on a background with the XYZ color 72.5986, 75.9641, 75.8019.

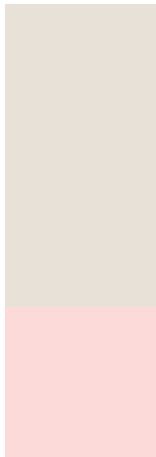


This preview shows how white text looks on a background with the XYZ color 72.5986, 75.9641,

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

72.5986, 75.9641, 75.8019

Protanopia

72.5986, 75.9641, 75.8019

Deuteranopia

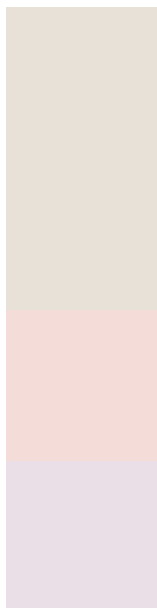
77.3794, 75.6618, 76.1715



Tritanopia

75.9622, 76.1367, 92.3536

Trichromacy



Original Color

72.5986, 75.9641, 75.8019

Protanomaly

72.5986, 75.9641, 75.8019

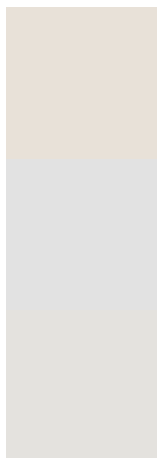
Deuteranomaly

75.6891, 75.9558, 76.3173

Tritanomaly

74.7432, 76.0373, 86.3386

Monochromacy



Original Color

72.5986, 75.9641, 75.8019

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3761, 76.1606, 79.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5986, 75.9641, 75.8019 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, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 216)  
}
```

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, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.5986, 75.9641, 75.8019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

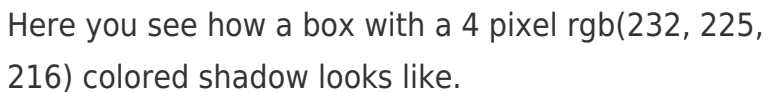
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 225, 216) }
```


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

```
.border{ border-color:rgb(232, 225, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(232, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 225, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 225, 216); box-shadow:4px 4px 4px 4px rgb(232, 225, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5986, 75.9641, 75.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 216) }
```

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

```
.background{ background-color: rgb(232,  
225, 216) }
```

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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