

Converting Colors

XYZ(72.5245, 75.3413, 77.2954)

Have a look what the booklet for
XYZ(72.5245, 75.3413, 77.2954)
contains.

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Color

**XYZ(72.5893, 75.5291,
77.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E0DA
RGB	232, 224, 218
RGB Percent	91%, 88%, 85%
CMY	0.0902, 0.1215, 0.1451
CMYK	0.00, 0.03, 0.06, 0.09
HSL	26°, 23%, 88%
HSV	26°, 6%, 91%
XYZ	72.5893, 75.5291, 77.0824
YIQ	225.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

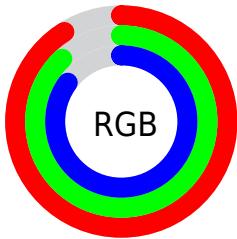
Format	Color
R _Y B	232, 229, 218
Decimal	15261914
CIE Lab	89.64, 1.69, 3.89
CIE LCh	90, 4.239, 66.541
Yxy	75.5291, 0.3223, 0.3354
Android (android.graphics.Color)	4293451994 (0xFFE8E0DA)
YUV	225.7080, -3.8000, 5.5181
Hunter-Lab	86.9075, -2.9963, 8.2481

Details

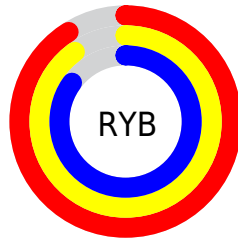
The XYZ color **72.5893, 75.5291, 77.0824** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6753, 75.1232, 87.1202**, and the grayscale version is **72.1029, 75.8578, 82.6092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7033, 40.2504, 40.3795** is the 20% darker color. If you saturate the color by 10%, you get **66.3405, 67.5542, 61.0549**, and if you desaturate by 10%, it is **79.5449, 84.2357, 95.4439**.

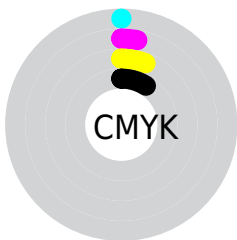
Distribution



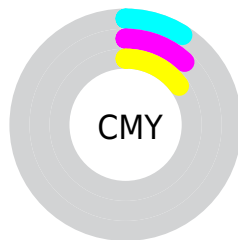
- Red (91%)
- Green (88%)
- Blue (85%)



- Red (91%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5893, 75.5291, 77.0824 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 72.5893, 75.5291, 77.0824 by changing the saturation by 10% instead.

■ 72.5893, 75.5291,
77.0824

■ 72.5893, 75.5291,
77.0824

458.7160,
479.7342, 504.4901

■ 53.9274, 56.0465,
56.8085

121.9003,
127.0610, 131.0299

■ 38.7741, 40.2402,
40.4432

153.2800,
159.8791, 165.5405

■ 26.7639, 27.7259,
27.5679

189.6298,
197.9112, 205.6339

■ 17.5317, 18.1191,
17.7640

231.3149,
241.5415, 251.7285

■ 10.7119, 11.0355,
10.6130

278.7007,
291.1546, 304.2429

■ 5.9393, 6.0907,
5.6963

332.1526,

■ 2.8485, 2.9003,

347.1348, 363.5956

2.5956

392.0359,
409.8665, 430.2051

■ 1.0742, 1.0799,
0.8902

■ 0.0033, 0.0000,
0.0000

■ 72.5893, 75.5291,
77.0824

■ 72.5893, 75.5291,
77.0824

■ 66.3405, 67.5542,
61.0549

■ 79.5449, 84.2357,
95.4439

■ 60.7684, 60.2814,
47.2619

■ 85.6723, 93.0624,
108.0552

■ 55.8496, 53.6936,
35.6041

■ 87.0891, 95.8960,
108.5274

■ 51.5573, 47.7691,
25.9725

■ 47.8623, 42.4850,
18.2484

■ 44.7328, 37.8169,
12.3009

■ 42.1335, 33.7382,
7.9818

■ 40.0240, 30.2199,
5.1187

■ 38.3559, 27.2288,
3.4983

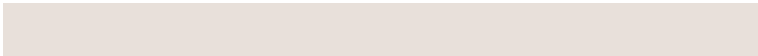
Harmonies

Analogous

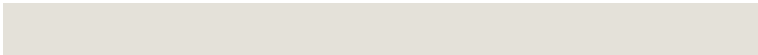
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4111, 75.5291, 78.8666



72.5893, 75.5291, 77.0824



71.5600, 75.5291, 76.6644

Triad

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



72.5893, 75.5291, 77.0824



69.8145, 75.5291, 82.8942



72.9886, 75.5291, 86.9387

Complementary

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



72.5893, 75.5291, 77.0824



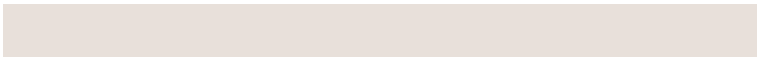
70.6753, 75.1232, 87.1202

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.



72.0168, 75.5291, 88.0762



72.5893, 75.5291, 77.0824



70.1893, 75.5291, 85.7049

Square

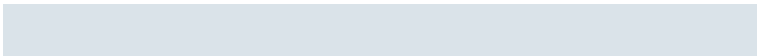
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5893, 75.5291, 77.0824



69.9645, 75.5291, 79.9735



70.9929, 75.5291, 87.6192



73.6432, 75.5291, 84.5456

Rectangle

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



72.5893, 75.5291, 77.0824



70.8959, 75.5291, 77.2075



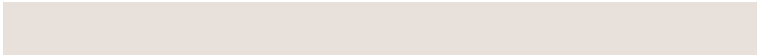
70.9929, 75.5291, 87.6192



72.6878, 75.5291, 87.4832

Sweetspot

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



72.5914, 75.5324, 77.0840



93.3174, 97.8314, 104.3253



72.1015, 72.7999, 82.3242



19.9920, 20.9628, 22.3778



0.0000, 0.0000, 0.0000



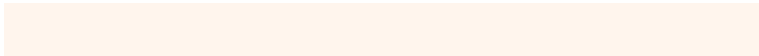
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5914, 75.5324, 77.0840



89.1415, 92.5702, 93.4053



74.4639, 79.2774, 77.7082



15.1395, 15.7054, 15.7522



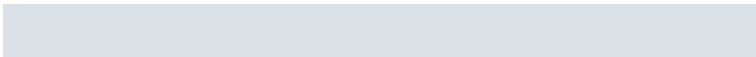
21.0977, 14.7695, 1.7388



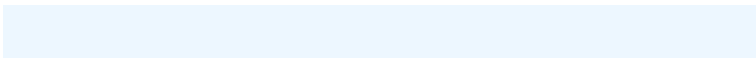
1.6497, 1.2727, 0.1587

Inverse Universe

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



70.6753, 75.1232, 87.1202



86.3915, 91.9830, 107.8089



68.8551, 71.4828, 86.5134



14.6371, 15.5981, 18.3836



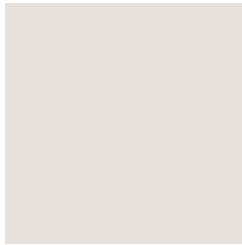
12.8324, 12.7270, 44.1634



1.0400, 1.1240, 3.2941

Previews

White Background



This preview shows how the XYZ color 72.5893, 75.5291, 77.0824 looks on a white background.

Color Contrast Check

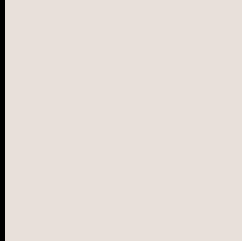
Large Text (above 18pt) WCAG AA × Fail

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 72.5893, 75.5291, 77.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

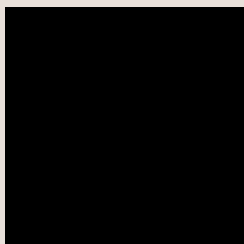
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

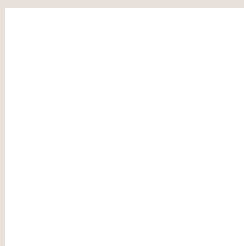
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5893, 75.5291, 77.0824

Background



This preview shows how black text looks on a background with the XYZ color 72.5893, 75.5291, 77.0824.

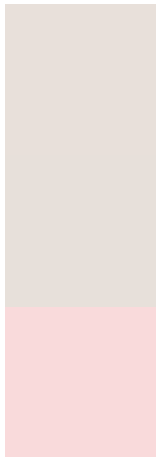


This preview shows how white text looks on a background with the XYZ color 72.5893, 75.5291,

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

72.5893, 75.5291, 77.0824

Protanopia

72.2655, 75.3622, 77.0672

Deuteranopia

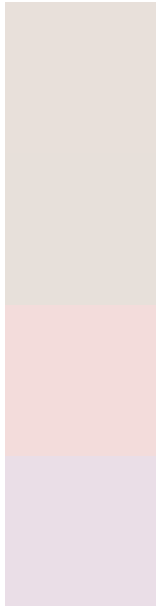
76.9245, 75.3970, 77.5166



Tritanopia

75.5500, 75.5481, 91.4893

Trichromacy



Original Color

72.5893, 75.5291, 77.0824

Protanomaly

72.2655, 75.3622, 77.0672

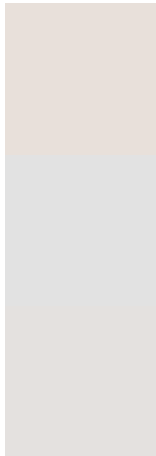
Deuteranomaly

75.3415, 75.3556, 77.5920

Tritanomaly

74.4768, 75.5045, 86.2498

Monochromacy



Original Color

72.5893, 75.5291, 77.0824

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2394, 75.6721, 80.6108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5893, 75.5291, 77.0824 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, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(232, 224, 218)  
}
```

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, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.5893, 75.5291, 77.0824 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, 224, 218) }
```


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

```
.border{ border-color:rgb(232, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5893, 75.5291, 77.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 224, 218) }
```

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

```
.background{ background-color: rgb(232,  
224, 218) }
```

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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