

Converting Colors

XYZ(72.8046, 75.3098, 73.5806)

Have a look what the booklet for
XYZ(72.8046, 75.3098, 73.5806)
contains.

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Color

**XYZ(72.6589, 75.2416,
73.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFD5
RGB	235, 223, 213
RGB Percent	92%, 87%, 84%
CMY	0.0784, 0.1255, 0.1647
CMYK	0.00, 0.05, 0.09, 0.08
HSL	27°, 35%, 88%
HSV	27°, 9%, 92%
XYZ	72.6589, 75.2416, 73.6443
YIQ	225.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

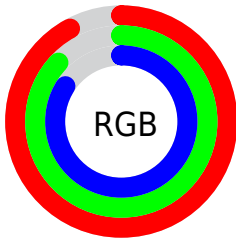
Format	Color
R _Y B	235, 231, 213
Decimal	15458261
CIE Lab	89.51, 2.41, 6.35
CIE LCh	90, 6.791, 69.194
Yxy	75.2416, 0.3280, 0.3396
Android (android.graphics.Color)	4293648341 (0xFFEBDFD5)
YUV	225.4480, -6.1369, 8.3771
Hunter-Lab	86.7419, -2.2788, 10.3818

Details

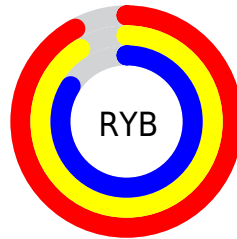
The XYZ color **72.6589, 75.2416, 73.6443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3611, 73.9935, 89.2247**, and the grayscale version is **71.9298, 75.6757, 82.4108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7646, 40.0576, 38.0365** is the 20% darker color. If you saturate the color by 10%, you get **66.5952, 67.5463, 57.9578**, and if you desaturate by 10%, it is **79.4182, 83.6347, 91.6969**.

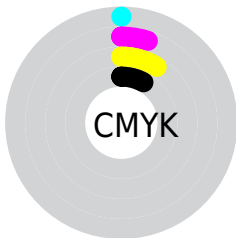
Distribution



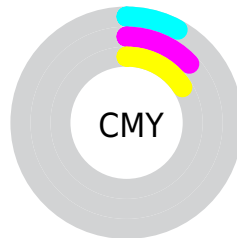
- Red (92%)
- Green (87%)
- Blue (84%)



- Red (92%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6589, 75.2416, 73.6443 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 72.6589, 75.2416, 73.6443 by changing the saturation by 10% instead.

72.6589, 75.2416,
73.6443

72.6589, 75.2416,
73.6443

458.9539,
478.7476, 492.3753

53.9845, 55.8108,
54.0079

121.9986,
126.6543, 126.1208

38.8199, 40.0513,
38.2148

153.3946,
159.4050, 159.7981

26.7997, 27.5785,
25.8463

189.7618,
197.3645, 198.9927

17.5587, 18.0082,
16.4840

231.4656,
240.9172, 244.1232

10.7314, 10.9559,
9.7092

278.8714,
290.4475, 295.6082

5.9525, 6.0372,
5.1035

332.3444,

2.8566, 2.8677,

346.3397, 353.8662

2.2483

392.2501,
408.9782, 419.3157

■ 1.0784, 1.0631,
0.7021

■ 0.0069, 0.0000,
0.0000

■ 72.6589, 75.2416,
73.6443

■ 72.6589, 75.2416,
73.6443

■ 66.5952, 67.5463,
57.9578

■ 79.4182, 83.6347,
91.6969

■ 61.1966, 60.5200,
44.5331

■ 86.0738, 92.4072,
107.9075

■ 56.4395, 54.1463,
33.2655

■ 88.0714, 96.4024,
108.5734

■ 52.2963, 48.4044,
24.0398

■ 48.7370, 43.2722,
16.7299

■ 45.7289, 38.7259,
11.1957

■ 43.2352, 34.7397,
7.2775

■ 41.2130, 31.2849,
4.7862

■ 39.5986, 28.3237,
3.4230

Harmonies

Analogous

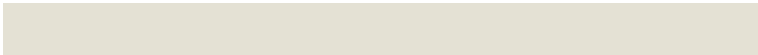
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0266, 75.2416, 76.2628



72.6589, 75.2416, 73.6443



71.0042, 75.2416, 73.1977

Triad

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



72.6589, 75.2416, 73.6443



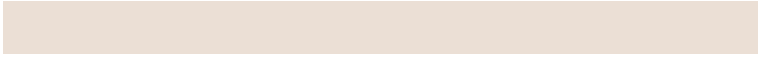
68.3987, 75.2416, 83.4001



73.5586, 75.2416, 89.2439

Complementary

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



72.6589, 75.2416, 73.6443



69.3611, 73.9935, 89.2247

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.



72.0280, 75.2416, 91.3205



72.6589, 75.2416, 73.6443



69.0606, 75.2416, 87.8614

Square

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



72.6589, 75.2416, 73.6443



68.5617, 75.2416, 78.7093



70.3829, 75.2416, 90.8049



74.5517, 75.2416, 85.2278

Rectangle

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



72.6589, 75.2416, 73.6443



69.9636, 75.2416, 74.1738



70.3829, 75.2416, 90.8049



73.0890, 75.2416, 90.1988

Sweetspot

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



72.6610, 75.2449, 73.6459



92.5263, 96.8844, 102.1030



71.6605, 70.6935, 81.1750



19.6629, 20.5618, 21.4750



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.



72.6610, 75.2449, 73.6459



86.1716, 88.9501, 85.2642



75.6665, 81.2560, 74.6478



15.6297, 16.1824, 15.8185



22.1100, 15.9142, 1.9064



1.8312, 1.4397, 0.1814

Inverse Universe

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



69.3611, 73.9935, 89.2247



81.5378, 87.1928, 107.1401



66.5089, 68.2892, 88.2739



14.9119, 15.9101, 19.2073



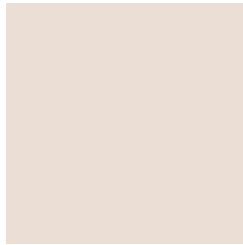
12.7810, 12.2090, 45.4259



1.0996, 1.1506, 3.5990

Previews

White Background



This preview shows how the XYZ color 72.6589, 75.2416, 73.6443 looks on a white background.

Color Contrast Check

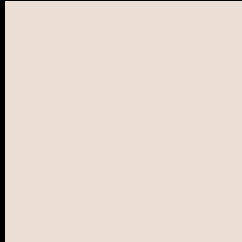
Large Text (above 18pt) WCAG AA × Fail

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 72.6589, 75.2416, 73.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

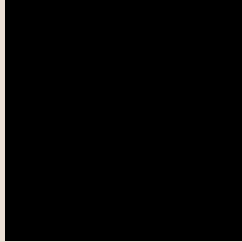
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6589, 75.2416, 73.6443

Background



This preview shows how black text looks on a background with the XYZ color 72.6589, 75.2416, 73.6443.

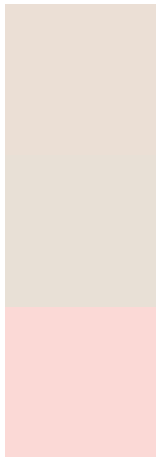


This preview shows how white text looks on a background with the XYZ color 72.6589, 75.2416,

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

72.6589, 75.2416, 73.6443

Protanopia

72.0720, 75.3222, 74.3584

Deuteranopia

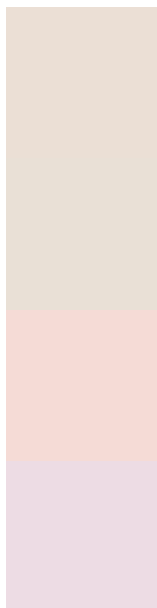
76.7341, 74.9900, 74.0485



Tritanopia

75.8775, 74.9546, 90.5893

Trichromacy



Original Color

72.6589, 75.2416, 73.6443

Protanomaly

72.3975, 75.4900, 74.3736

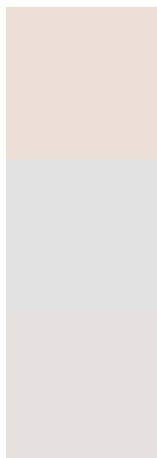
Deuteranomaly

75.1253, 74.9306, 74.1218

Tritanomaly

74.5218, 74.7924, 83.9074

Monochromacy



Original Color

72.6589, 75.2416, 73.6443

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0199, 75.1898, 79.1238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6589, 75.2416, 73.6443 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(235, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 213)  
}
```

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(235, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.6589, 75.2416, 73.6443 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(235, 223, 213) }
```


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

```
.border{ border-color:rgb(235, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6589, 75.2416, 73.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 213) }
```

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

```
.background{ background-color: rgb(235,  
223, 213) }
```

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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