

Converting Colors

XYZ(68.2627, 70.5327, 71.7943)

Have a look what the booklet for
XYZ(68.2627, 70.5327, 71.7943)
contains.

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Color

**XYZ(68.2493, 70.6598,
71.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D9D3
RGB	227, 217, 211
RGB Percent	89%, 85%, 83%
CMY	0.1098, 0.1490, 0.1725
CMYK	0.00, 0.04, 0.07, 0.11
HSL	23°, 22%, 86%
HSV	23°, 7%, 89%
XYZ	68.2493, 70.6598, 71.6696
YIQ	219.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

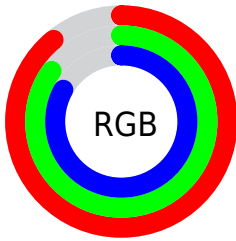
Format	Color
R_{YB}	227, 221, 211
Decimal	14932435
CIE Lab	87.32, 2.39, 4.16
CIE LCh	87, 4.801, 60.081
Yxy	70.6598, 0.3241, 0.3356
Android (android.graphics.Color)	4293122515 (0xFFE3D9D3)
YUV	219.3060, -4.0949, 6.7476
Hunter-Lab	84.0594, -2.1766, 8.2905

Details

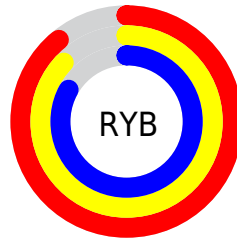
The XYZ color **68.2493, 70.6598, 71.6696** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5854, 71.1066, 82.8894**, and the grayscale version is **67.5698, 71.0887, 77.4156**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0194, 37.0456, 37.1504** is the 20% darker color. If you saturate the color by 10%, you get **62.1029, 62.6037, 56.5581**, and if you desaturate by 10%, it is **75.1157, 79.5111, 89.0056**.

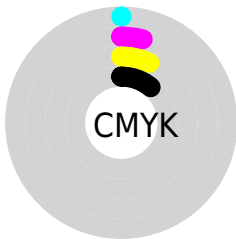
Distribution



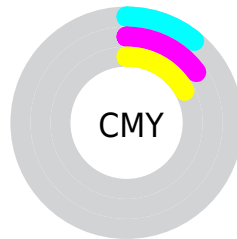
- Red (89%)
- Green (85%)
- Blue (83%)



- Red (89%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2493, 70.6598, 71.6696 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 68.2493, 70.6598, 71.6696 by changing the saturation by 10% instead.

68.2493, 70.6598,
71.6696

68.2493, 70.6598,
71.6696

443.7417,
462.8633, 485.3374

50.3750, 52.0646,
52.4036

115.7487,
120.1492, 123.2900

35.9305, 37.0566,
36.9424

146.1044,
151.8122, 156.4816

24.5504, 25.2513,
24.8675

181.3514,
188.5999, 195.1520

15.8693, 16.2644,
15.7602

221.8549,
230.8968, 239.7200

9.5220, 9.7114,
9.2021

267.9804,
279.0871, 290.6039

5.1430, 5.2080,
4.7747

320.0931,

2.3670, 2.3698,

333.5554, 348.2225

2.0592

378.5584,
394.6860, 412.9941

■ 0.8286, 0.8103,
0.5914

■ 0.0000, 0.0000,
0.0000

■ 68.2493, 70.6598,
71.6696

■ 68.2493, 70.6598,
71.6696

■ 62.1029, 62.6037,
56.5581

■ 75.1157, 79.5111,
89.0056

■ 56.6461, 55.3111,
43.5755

■ 82.4930, 89.0793,
107.4539

■ 51.8545, 48.7616,
32.6263

■ 85.4889, 95.0711,
108.4525

■ 47.7005, 42.9305,
23.6057

■ 44.1539, 37.7913,
16.3994

■ 41.1819, 33.3160,
10.8810

■ 38.7482, 29.4742,
6.9076

■ 36.8110, 26.2325,
4.3118

■ 35.3189, 23.5524,
2.8770

Harmonies

Analogous

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



69.0572, 70.6598, 73.8604



68.2493, 70.6598, 71.6696



67.1570, 70.6598, 70.8817

Triad

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



68.2493, 70.6598, 71.6696



65.0112, 70.6598, 76.9453



68.2547, 70.6598, 82.4462

Complementary

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



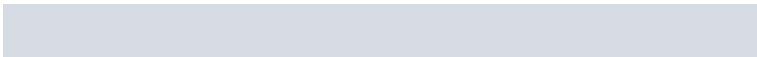
68.2493, 70.6598, 71.6696



66.5854, 71.1066, 82.8894

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.



67.1631, 70.6598, 83.3267



68.2493, 70.6598, 71.6696



65.2979, 70.6598, 80.0969

Square

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



68.2493, 70.6598, 71.6696



65.2949, 70.6598, 73.8751



66.0824, 70.6598, 82.4553



69.0604, 70.6598, 80.0813

Rectangle

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



68.2493, 70.6598, 71.6696



66.4170, 70.6598, 71.2404



66.0824, 70.6598, 82.4553



67.9086, 70.6598, 82.9285

Sweetspot

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



68.2513, 70.6629, 71.6711



93.2316, 97.6598, 104.2967



68.0427, 68.1480, 78.0683



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



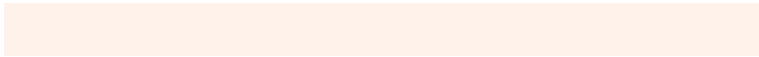
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2513, 70.6629, 71.6711



88.0058, 90.8914, 91.2000



70.3265, 74.8133, 72.3629



14.8179, 15.2497, 15.0669



20.4812, 13.5366, 1.5334



1.6005, 1.1742, 0.1423

Inverse Universe

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



66.5854, 71.1066, 82.8894



85.5453, 91.5467, 107.7693



64.5579, 67.0516, 82.2135



14.3292, 15.3798, 18.3577



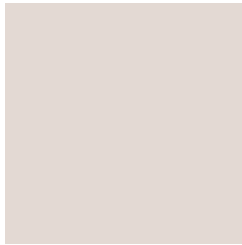
13.8271, 14.7163, 44.4949



1.1103, 1.2646, 3.3175

Previews

White Background



This preview shows how the XYZ color 68.2493, 70.6598, 71.6696 looks on a white background.

Color Contrast Check

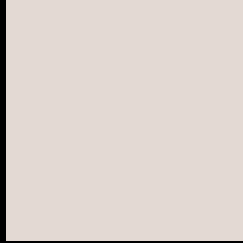
Large Text (above 18pt) WCAG AA × Fail

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 68.2493, 70.6598, 71.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

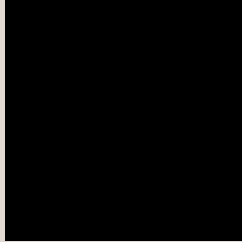
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

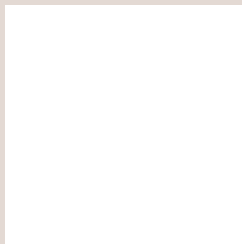
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2493, 70.6598, 71.6696

Background



This preview shows how black text looks on a background with the XYZ color 68.2493, 70.6598, 71.6696.



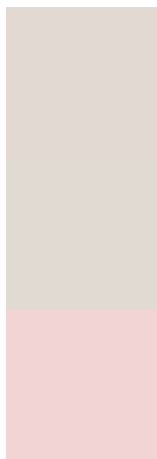
This preview shows how white text looks on a background with the XYZ color 68.2493, 70.6598,

71.6696.

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

68.2493, 70.6598, 71.6696

Protanopia

67.5697, 70.6932, 71.7119

Deuteranopia

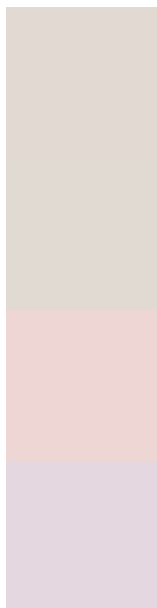
72.0451, 70.7177, 72.1400



Tritanopia

71.1035, 70.6857, 85.4974

Trichromacy



Original Color

68.2493, 70.6598, 71.6696

Protanomaly

67.8806, 70.8535, 71.7264

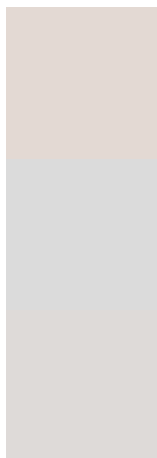
Deuteranomaly

70.8553, 70.8511, 72.2285

Tritanomaly

70.0681, 70.6407, 80.4630

Monochromacy



Original Color

68.2493, 70.6598, 71.6696

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5903, 70.6303, 75.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2493, 70.6598, 71.6696 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(227, 217, 211) looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 211)  
}
```

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(227, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.2493, 70.6598, 71.6696 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(227, 217, 211) }
```


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

```
.border{ border-color:rgb(227, 217, 211) }
```

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

Here you see how a box with a 4 pixel rgb(227, 217, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2493, 70.6598, 71.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 211) }
```

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

```
.background{ background-color: rgb(227,  
217, 211) }
```

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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