

Converting Colors

XYZ(64.8994, 66.4383, 69.9570)

Have a look what the booklet for
XYZ(64.8994, 66.4383, 69.9570)
contains.

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Color

**XYZ(64.6794, 66.2262,
69.6956)**

Conversions

Conversions Part 1

Format	Color
Hex	DED2D1
RGB	222, 210, 209
RGB Percent	87%, 82%, 82%
CMY	0.1294, 0.1764, 0.1804
CMYK	0.00, 0.05, 0.06, 0.13
HSL	5°, 16%, 85%
HSV	5°, 6%, 87%
XYZ	64.6794, 66.2262, 69.6956
YIQ	213.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

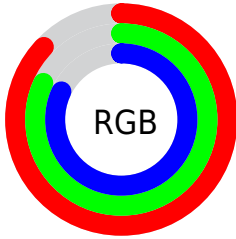
Format	Color
R _Y B	222, 210, 209
Decimal	14602961
CIE Lab	85.11, 3.96, 1.97
CIE LCh	85, 4.426, 26.390
Yxy	66.2262, 0.3224, 0.3301
Android (android.graphics.Color)	4292793041 (0xFFDED2D1)
YUV	213.4740, -2.2057, 7.4773
Hunter-Lab	81.3795, -0.5445, 6.1881

Details

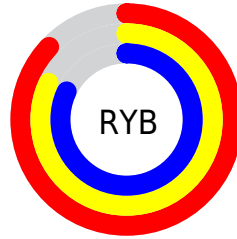
The XYZ color **64.6794, 66.2262, 69.6956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3357, 70.5411, 79.2803**, and the grayscale version is **63.5756, 66.8865, 72.8394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7412, 34.3590, 35.8639** is the 20% darker color. If you saturate the color by 10%, you get **57.3824, 55.7281, 54.6346**, and if you desaturate by 10%, it is **73.0106, 78.1782, 86.9925**.

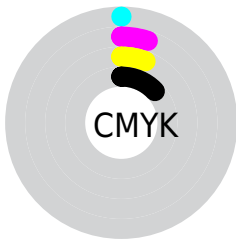
Distribution



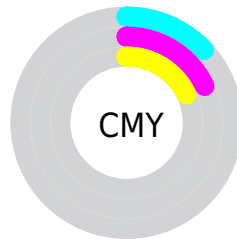
- Red (87%)
- Green (82%)
- Blue (82%)



- Red (87%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6794, 66.2262, 69.6956 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 64.6794, 66.2262, 69.6956 by changing the saturation by 10% instead.

■ 64.6794, 66.2262,
69.6956

■ 64.6794, 66.2262,
69.6956

431.2024,
447.1854, 478.2407

■ 47.4649, 48.4560,
50.8031

110.6571,
113.8109, 120.4516

■ 33.6128, 34.1882,
35.6763

140.1510,
144.3943, 153.1522

■ 22.7578, 23.0382,
23.8966

174.4687,
180.0175, 191.2926

■ 14.5345, 14.6217,
15.0455

213.9756,
221.0650, 235.2914

■ 8.5775, 8.5543,
8.7043

259.0371,
267.9212, 285.5671

■ 4.5215, 4.4517,
4.4547

310.0185,

■ 2.0012, 1.9293,

320.9703, 342.5381

1.8779

367.2852,
380.5970, 406.6232

■ 0.6346, 0.5659,
0.4786

■ 0.0000, 0.0000,
0.0000

■ 64.6794, 66.2262,
69.6956

■ 64.6794, 66.2262,
69.6956

■ 57.3824, 55.7281,
54.6346

■ 73.0106, 78.1782,
86.9925

■ 51.0740, 46.6202,
41.7141

■ 82.4083, 91.6274,
106.6069

■ 45.7132, 38.8467,
30.8382

■ 83.9346, 94.2698,
108.3798

■ 41.2541, 32.3451,
21.9022

■ 37.6471, 27.0474,
14.7920

■ 34.8376, 22.8797,
9.3813

■ 32.7647, 19.7597,
5.5282

■ 31.3588, 17.5940,
3.0674

■ 30.5362, 16.2725,
1.7957

Harmonies

Analogous

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



64.8792, 66.2262, 72.4554



64.6794, 66.2262, 69.6956



64.0134, 66.2262, 67.6315

Triad

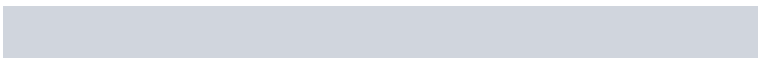
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6794, 66.2262, 69.6956



61.3625, 66.2262, 69.1117



62.8253, 66.2262, 77.7299

Complementary

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



64.6794, 66.2262, 69.6956



65.3357, 70.5411, 79.2803

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.



61.8905, 66.2262, 76.7800



64.6794, 66.2262, 69.6956



61.0516, 66.2262, 71.7638

Square

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



64.6794, 66.2262, 69.6956



62.0976, 66.2262, 67.3007



61.2439, 66.2262, 74.5776



63.8022, 66.2262, 77.1412

Rectangle

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



64.6794, 66.2262, 69.6956



63.3983, 66.2262, 66.9022



61.2439, 66.2262, 74.5776



62.4959, 66.2262, 77.5793

Sweetspot

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



64.6813, 66.2291, 69.6970



92.7566, 96.7098, 104.1383



65.9945, 66.3591, 77.8309



19.8778, 20.7344, 22.3398



0.0000, 0.0000, 0.0000



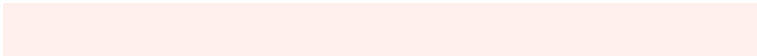
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6813, 66.2291, 69.6970



87.2766, 88.8403, 92.7836



66.2836, 69.4338, 70.2311



14.1090, 14.3256, 14.9125



18.0447, 9.5273, 0.8879



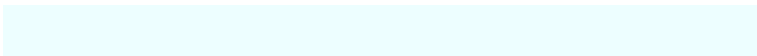
1.2809, 0.7206, 0.0716

Inverse Universe

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



65.3357, 70.5411, 79.2803



88.3471, 95.8941, 108.4608



63.6874, 67.2446, 78.7309



14.2949, 15.5510, 17.6359



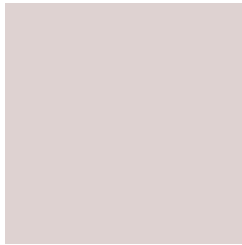
20.8162, 29.1019, 45.5685



1.4702, 2.0718, 3.1677

Previews

White Background



This preview shows how the XYZ color 64.6794, 66.2262, 69.6956 looks on a white background.

Color Contrast Check

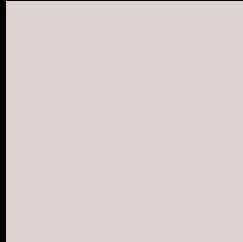
Large Text (above 18pt) WCAG AA × Fail

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 64.6794, 66.2262, 69.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

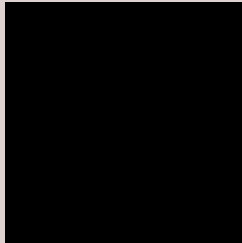
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

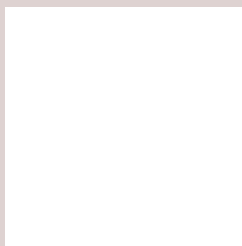
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6794, 66.2262, 69.6956

Background



This preview shows how black text looks on a background with the XYZ color 64.6794, 66.2262, 69.6956.



This preview shows how white text looks on a background with the XYZ color 64.6794, 66.2262,

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

64.6794, 66.2262, 69.6956

Protanopia

63.7916, 66.4918, 70.4448

Deuteranopia

67.6358, 66.2882, 70.2029



Tritanopia

66.7509, 66.3409, 79.8079

Trichromacy



Original Color

64.6794, 66.2262, 69.6956

Protanomaly

64.1405, 66.3017, 70.3897

Deuteranomaly

66.5788, 66.1018, 70.2226

Tritanomaly

66.0181, 66.4034, 76.3554

Monochromacy



Original Color

64.6794, 66.2262, 69.6956

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7461, 66.4394, 71.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6794, 66.2262, 69.6956 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(222, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 209)  
}
```

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(222, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.6794, 66.2262, 69.6956 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(222, 210, 209) }
```


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

```
.border{ border-color:rgb(222, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6794, 66.2262, 69.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 209) }
```

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

```
.background{ background-color: rgb(222,  
210, 209) }
```

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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