

Converting Colors

XYZ(61.5846, 64.7966, 70.5411)

Have a look what the booklet for
XYZ(61.5846, 64.7966, 70.5411)
contains.

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Color

**XYZ(61.7911, 65.0906,
70.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3D2
RGB	211, 211, 210
RGB Percent	83%, 83%, 82%
CMY	0.1725, 0.1725, 0.1765
CMYK	0.00, 0.00, 0.00, 0.17
HSL	60°, 1%, 83%
HSV	60°, 0%, 83%
XYZ	61.7911, 65.0906, 70.2798
YIQ	210.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

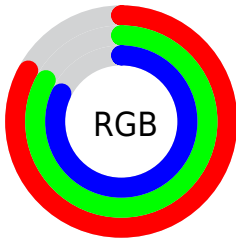
Format	Color
R _Y B	210, 211, 210
Decimal	13882322
CIE Lab	84.53, -0.18, 0.48
CIE LCh	85, 0.516, 110.011
Yxy	65.0906, 0.3134, 0.3301
Android (android.graphics.Color)	4292072402 (0xFFD3D3D2)
YUV	210.8860, -0.4368, 0.1000
Hunter-Lab	80.6787, -4.4763, 4.8272

Details

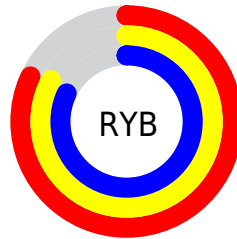
The XYZ color **61.7911, 65.0906, 70.2798** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3854, 64.4998, 70.8458**, and the grayscale version is **61.8459, 65.0667, 70.8576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9623, 33.6823, 36.2692** is the 20% darker color. If you saturate the color by 10%, you get **59.3110, 64.0979, 57.3339**, and if you desaturate by 10%, it is **64.6216, 66.2276, 85.0542**.

Distribution



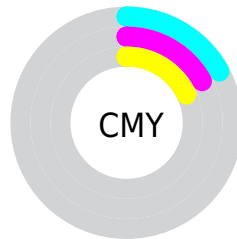
- Red (83%)
- Green (83%)
- Blue (82%)



- Red (82%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7911, 65.0906, 70.2798 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 61.7911, 65.0906, 70.2798 by changing the saturation by 10% instead.

■ 61.7911, 65.0906,
70.2798

■ 61.7911, 65.0906,
70.2798

420.8984,
443.1175, 480.3475

■ 45.1189, 47.5345,
51.2765

106.5152,
112.1801, 121.2925

■ 31.7528, 33.4584,
36.0504

135.2978,
142.4823, 154.1390

■ 21.3274, 22.4779,
24.1831

168.8479,
177.8021, 192.4370

■ 13.4773, 14.2084,
15.2561

207.5308,
218.5238, 236.6049

■ 7.8373, 8.2658,
8.8507

251.7120,
265.0317, 287.0614

■ 4.0419, 4.2655,
4.5484

301.7568,

■ 1.7259, 1.8232,

317.7104, 344.2249

1.9308

358.0304,
376.9442, 408.5141

■ 0.4724, 0.5015,
0.5122

■ 0.0000, 0.0000,
0.0000

■ 61.7911, 65.0906,
70.2798

■ 61.7911, 65.0906,
70.2798

■ 59.3110, 64.0979,
57.3339

■ 64.6216, 66.2276,
85.0542

■ 57.1624, 63.2358,
46.1414

■ 67.8096, 67.5055,
101.7198

■ 55.3326, 62.5011,
36.6281

■ 68.2802, 67.6964,
104.0757

■ 53.8064, 61.8880,
28.7131

■ 68.3037, 67.7085,
104.0768

■ 52.5670, 61.3895,
22.3088

■ 68.3272, 67.7206,
104.0779

■ 51.5963, 60.9985,
17.3190

■ 68.3507, 67.7328,
104.0790

■ 50.8739, 60.7069,
13.6367

■ 68.3742, 67.7449,
104.0801

■ 50.3765, 60.5052,
11.1395

■ 68.3977, 67.7570,
104.0812

■ 50.0766, 60.3826,
9.6820

■ 68.4212, 67.7691,
104.0823

Harmonies

Analogous

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



61.9050, 65.0906, 70.2514



61.7911, 65.0906, 70.2798



61.6976, 65.0906, 70.4668

Triad

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



61.7911, 65.0906, 70.2798



61.7248, 65.0906, 71.3584



62.0845, 65.0906, 70.9824

Complementary

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



61.7911, 65.0906, 70.2798



61.3854, 64.4998, 70.8458

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.



62.0361, 65.0906, 71.2799



61.7911, 65.0906, 70.2798



61.8284, 65.0906, 71.4975

Square

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



61.7911, 65.0906, 70.2798



61.6593, 65.0906, 71.0893



61.9423, 65.0906, 71.4687



62.0745, 65.0906, 70.6563

Rectangle

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



61.7911, 65.0906, 70.2798



61.6593, 65.0906, 70.6566



61.9423, 65.0906, 71.4687



62.0745, 65.0906, 71.0891

Sweetspot

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



61.7929, 65.0934, 70.2812

95.0500, 100.0000, 108.9000



61.5455, 64.5968, 70.1984



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



61.7929, 65.0934, 70.2812



94.6385, 99.8350, 106.7519



61.6505, 65.0200, 70.2746



13.2520, 13.9770, 14.9645



30.1316, 36.4024, 5.4383



1.6863, 2.0362, 0.3041

Inverse Universe

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



61.3854, 64.4998, 70.8458



93.3135, 97.9052, 108.5872



61.5274, 64.5730, 70.8524



13.0793, 13.7256, 15.2036



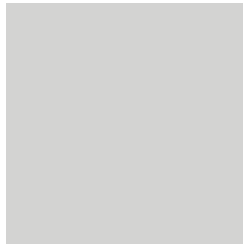
7.1040, 2.8426, 37.3667



0.3987, 0.1597, 2.0894

Previews

White Background



This preview shows how the XYZ color 61.7911, 65.0906, 70.2798 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 61.7911, 65.0906, 70.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

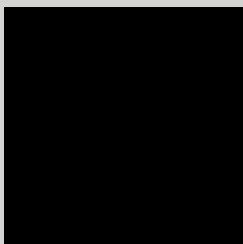
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

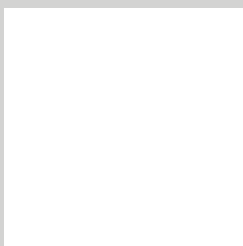
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7911, 65.0906, 70.2798

Background



This preview shows how black text looks on a background with the XYZ color 61.7911, 65.0906, 70.2798.

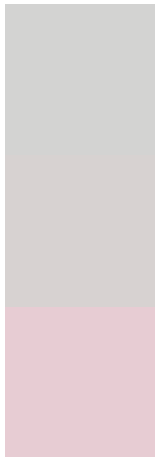


This preview shows how white text looks on a background with the XYZ color 61.7911, 65.0906,

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

61.7911, 65.0906, 70.2798

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.3057, 64.8778, 70.6560



Tritanopia

63.8316, 65.1833, 80.4515

Trichromacy



Original Color

61.7911, 65.0906, 70.2798

Protanomaly

62.2868, 64.9928, 69.5836

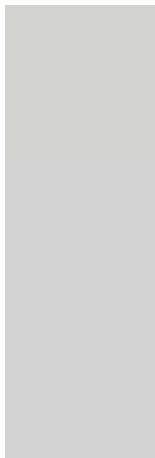
Deuteranomaly

64.8112, 65.1761, 70.7923

Tritanomaly

63.1162, 65.2575, 76.9795

Monochromacy



Original Color

61.7911, 65.0906, 70.2798

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9161, 65.1406, 70.9381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7911, 65.0906, 70.2798 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(211, 211, 210) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 210)  
}
```

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(211, 211, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.7911, 65.0906, 70.2798 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(211, 211, 210) }
```

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

```
.border{ border-color:rgb(211, 211, 210) }
```

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

Here you see how a box with a 4 pixel rgb(211, 211, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
210) }
```


Background

The CSS property to change the background color of an element to XYZ 61.7911, 65.0906, 70.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 210) }
```

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

```
.background{ background-color: rgb(211,  
211, 210) }
```

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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