

Converting Colors

XYZ(61.2122, 65.0670, 69.6153)

Have a look what the booklet for
XYZ(61.2122, 65.0670, 69.6153)
contains.

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Color

**XYZ(61.3466, 65.2457,
69.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4D1
RGB	209, 212, 209
RGB Percent	82%, 83%, 82%
CMY	0.1804, 0.1686, 0.1804
CMYK	0.01, 0.00, 0.01, 0.17
HSL	120°, 3%, 83%
HSV	120°, 1%, 83%
XYZ	61.3466, 65.2457, 69.6820
YIQ	210.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

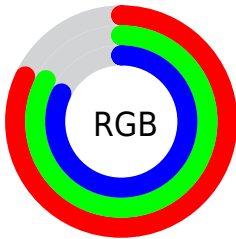
Format	Color
R_{YB}	209, 212, 212
Decimal	13751505
CIE Lab	84.61, -1.56, 1.11
CIE LCh	85, 1.918, 144.504
Yxy	65.2457, 0.3126, 0.3324
Android (android.graphics.Color)	4291941585 (0xFFD1D4D1)
YUV	210.7610, -0.8682, -1.5444
Hunter-Lab	80.7748, -5.7893, 5.3947

Details

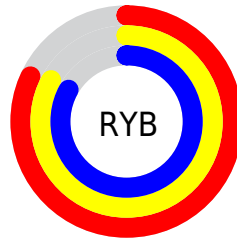
The XYZ color **61.3466, 65.2457, 69.6820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8379, 64.3531, 71.4527**, and the grayscale version is **61.7667, 64.9833, 70.7669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4909, 33.4491, 35.8069** is the 20% darker color. If you saturate the color by 10%, you get **53.2905, 61.3779, 56.5036**, and if you desaturate by 10%, it is **70.5539, 69.6704, 84.7401**.

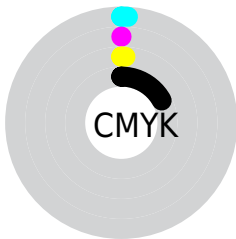
Distribution



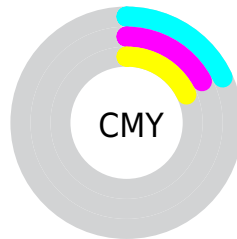
- Red (82%)
- Green (83%)
- Blue (82%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3466, 65.2457, 69.6820 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 61.3466, 65.2457, 69.6820 by changing the saturation by 10% instead.

■ 61.3466, 65.2457,
69.6820

■ 61.3466, 65.2457,
69.6820

419.2993,
443.6744, 478.1916

■ 44.7585, 47.6603,
50.7921

105.8759,
112.4030, 120.4320

■ 31.4678, 33.5580,
35.6676

134.5479,
142.7438, 153.1292

■ 21.1089, 22.5542,
23.8899

167.9785,
178.1051, 191.2660

■ 13.3165, 14.2647,
15.0406

206.5332,
218.8714, 235.2608

■ 7.7254, 8.3050,
8.7009

250.5772,
265.4271, 285.5322

■ 3.9700, 4.2907,
4.4525

300.4760,

■ 1.6852, 1.8375,

318.1566, 342.4988

1.8767

356.5950,
377.4442, 406.5791

■ 0.4470, 0.5104,
0.4779

■ 0.0000, 0.0000,
0.0000

■ 61.3466, 65.2457,
69.6820

■ 61.3466, 65.2457,
69.6820

■ 53.2905, 61.3779,
56.5036

■ 70.5539, 69.6704,
84.7401

■ 46.3351, 58.0368,
45.1270

■ 80.9493, 74.6638,
101.7432

■ 40.4344, 55.2024,
35.4754

■ 82.8347, 75.5695,
104.8282

■ 35.5368, 52.8498,
27.4644

■ 31.5865, 50.9523,
21.0031

■ 28.5225, 49.4805,
15.9911

■ 26.2762, 48.4015,
12.3169

■ 24.7695, 47.6778,
9.8521

■ 23.9088, 47.2643,
8.4440

Harmonies

Analogous

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



61.6734, 65.2457, 68.9188



61.3466, 65.2457, 69.6820



61.1987, 65.2457, 70.8160

Triad

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



61.3466, 65.2457, 69.6820



61.9353, 65.2457, 73.4130



62.7658, 65.2457, 70.0686

Complementary

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



61.3466, 65.2457, 69.6820



61.8379, 64.3531, 71.4527

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.



62.8367, 65.2457, 71.2674



61.3466, 65.2457, 69.6820



62.3560, 65.2457, 73.2073

Square

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



61.3466, 65.2457, 69.6820



61.5376, 65.2457, 72.9773



62.6864, 65.2457, 72.4185



62.4931, 65.2457, 69.1402

Rectangle

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



61.3466, 65.2457, 69.6820



61.2209, 65.2457, 71.6333



62.6864, 65.2457, 72.4185



62.8141, 65.2457, 70.4529

Sweetspot

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



61.3484, 65.2485, 69.6834

95.0500, 100.0000, 108.9000



62.2063, 65.6908, 69.7235



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.



61.3484, 65.2485, 69.6834



92.3882, 98.7214, 104.5462



61.5353, 65.3232, 70.6674



13.6365, 14.5560, 15.4442



14.5346, 29.0692, 4.8451



0.8767, 1.7533, 0.2923

Inverse Universe

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



61.8379, 64.3531, 71.4527



93.4445, 96.7891, 108.3646



61.6493, 64.2777, 70.4595



13.7818, 14.2902, 15.9694



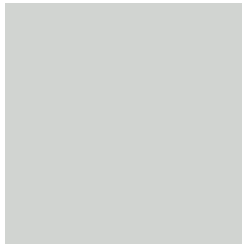
24.0975, 11.5753, 39.4132



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 61.3466, 65.2457, 69.6820 looks on a white background.

Color Contrast Check

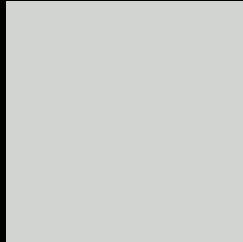
Large Text (above 18pt) WCAG AA × Fail

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 61.3466, 65.2457, 69.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

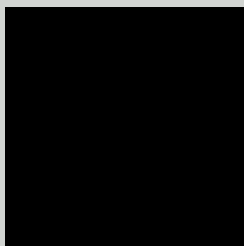
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

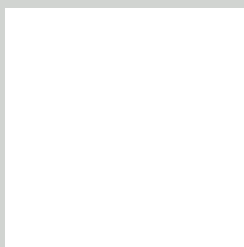
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3466, 65.2457, 69.6820

Background



This preview shows how black text looks on a background with the XYZ color 61.3466, 65.2457, 69.6820.

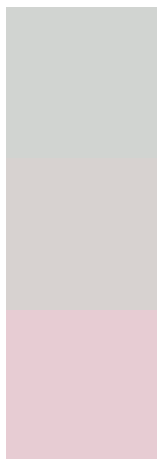


This preview shows how white text looks on a background with the XYZ color 61.3466, 65.2457,

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

61.3466, 65.2457, 69.6820

Protanopia

62.4561, 65.0943, 68.9472

Deuteranopia

66.3057, 64.8778, 70.6560



Tritanopia

63.6793, 65.0890, 81.1587

Trichromacy



Original Color

61.3466, 65.2457, 69.6820

Protanomaly

62.1200, 65.2887, 69.0024

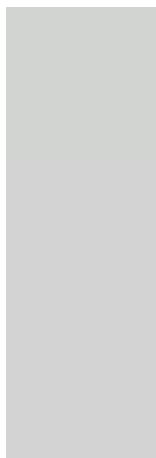
Deuteranomaly

64.3771, 64.9668, 70.1196

Tritanomaly

62.8288, 65.1094, 76.9661

Monochromacy



Original Color

61.3466, 65.2457, 69.6820

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5055, 64.9433, 70.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3466, 65.2457, 69.6820 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(209, 212, 209) looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 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(209, 212, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.3466, 65.2457, 69.6820 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(209, 212, 209) }
```

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

```
.border{ border-color:rgb(209, 212, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 212, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 61.3466, 65.2457, 69.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 209) }
```

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

```
.background{ background-color: rgb(209,  
212, 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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