

Converting Colors

XYZ(61.9958, 64.8428, 69.5700)

Have a look what the booklet for
XYZ(61.9958, 64.8428, 69.5700)
contains.

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Color

**XYZ(61.9958, 64.8428,
69.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2D1
RGB	213, 210, 209
RGB Percent	84%, 82%, 82%
CMY	0.1647, 0.1765, 0.1804
CMYK	0.00, 0.01, 0.02, 0.16
HSL	15°, 5%, 83%
HSV	15°, 2%, 84%
XYZ	61.9958, 64.8428, 69.5700
YIQ	210.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

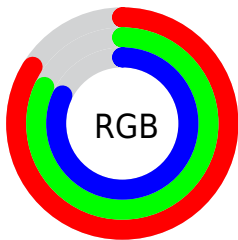
Format	Color
RYB	213, 210, 209
Decimal	14013137
CIELab	84.40, 0.85, 0.85
CIElCh	84, 1.202, 44.877
Yxy	64.8428, 0.3156, 0.3301
Android (android.graphics.Color)	4292203217 (0xFFD5D2D1)
YUV	210.7830, -0.8790, 1.9443
Hunter-Lab	80.5250, -3.4926, 5.1436

Details

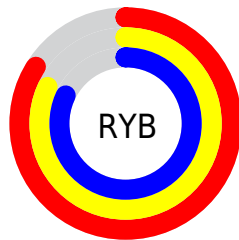
The XYZ color **61.9958, 64.8428, 69.5700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8482, 65.4455, 72.3241**, and the grayscale version is **61.7799, 64.9973, 70.7820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9054, 33.4126, 35.7780** is the 20% darker color. If you saturate the color by 10%, you get **55.7888, 56.3701, 55.3485**, and if you desaturate by 10%, it is **68.9519, 74.2476, 85.7823**.

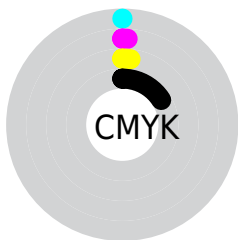
Distribution



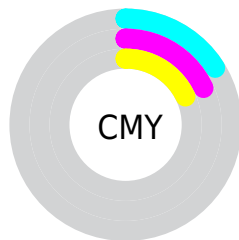
- Red (84%)
- Green (82%)
- Blue (82%)



- Red (84%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9958, 64.8428, 69.5700 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 61.9958, 64.8428, 69.5700 by changing the saturation by 10% instead.

■ 61.9958, 64.8428,
69.5700

■ 61.9958, 64.8428,
69.5700

421.6336,
442.2268, 477.7870

■ 45.2849, 47.3336,
50.7014

106.8094,
111.8238, 120.2707

■ 31.8841, 33.2995,
35.5960

135.6429,
142.0645, 152.9399

■ 21.4281, 22.3560,
23.8351

169.2479,
177.3177, 191.0464

■ 13.5515, 14.1187,
15.0003

207.9898,
217.9679, 235.0087

■ 7.8890, 8.2033,
8.6730

252.2339,
264.3996, 285.2454

■ 4.0752, 4.2253,
4.4346

302.3457,

■ 1.7448, 1.8004,

316.9970, 342.1750

1.8667

358.6905,
376.1446, 406.2160

■ 0.4841, 0.4874,
0.4714

■ 0.0000, 0.0000,
0.0000

■ 61.9958, 64.8428,
69.5700

■ 61.9958, 64.8428,
69.5700

■ 55.7888, 56.3701,
55.3485

■ 68.9519, 74.2476,
85.7823

■ 50.3000, 48.7927,
43.0365

■ 76.6756, 84.6034,
104.0538

■ 45.5045, 42.0836,
32.5536

■ 81.2509, 92.8863,
108.2542

■ 41.3738, 36.2112,
23.8117

■ 37.8773, 31.1419,
16.7156

■ 34.9819, 26.8399,
11.1610

■ 32.6515, 23.2666,
7.0312

■ 30.8453, 20.3797,
4.1929

■ 29.5166, 18.1320,
2.4869

Harmonies

Analogous

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



62.1289, 64.8428, 70.2258



61.9958, 64.8428, 69.5700



61.7652, 64.8428, 69.1923

Triad

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



61.9958, 64.8428, 69.5700



61.1367, 64.8428, 70.2197



61.7631, 64.8428, 72.0340

Complementary

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



61.9958, 64.8428, 69.5700



61.8482, 65.4455, 72.3241

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.



61.4972, 64.8428, 72.0323



61.9958, 64.8428, 69.5700



61.1361, 64.8428, 70.9811

Square

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



61.9958, 64.8428, 69.5700



61.2695, 64.8428, 69.5656



61.2679, 64.8428, 71.6457



61.9942, 64.8428, 71.6502

Rectangle

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



61.9958, 64.8428, 69.5700



61.5875, 64.8428, 69.1473



61.2679, 64.8428, 71.6457



61.6748, 64.8428, 72.0785

Sweetspot

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



61.9976, 64.8456, 69.5714



94.0358, 98.6242, 106.5499



62.1256, 64.5015, 71.4639



20.1382, 21.1241, 22.8308



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.



61.9976, 64.8456, 69.5714



93.0330, 97.2626, 104.2305



62.4936, 65.8375, 69.7367



13.7253, 14.3554, 15.4008



17.6212, 10.3595, 1.0709



1.1293, 0.7577, 0.0867

Inverse Universe

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



61.8482, 65.4455, 72.3241



92.7916, 98.2317, 108.6777



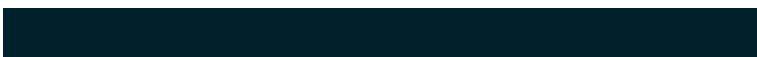
61.3523, 64.4536, 72.1588



13.6921, 14.4887, 16.0125



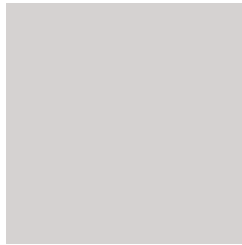
15.0527, 18.3672, 41.2050



0.9718, 1.2356, 2.5066

Previews

White Background



This preview shows how the XYZ color 61.9958, 64.8428, 69.5700 looks on a white background.

Color Contrast Check

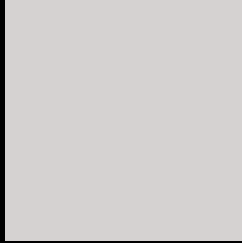
Large Text (above 18pt) WCAG AA × Fail

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 61.9958, 64.8428, 69.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

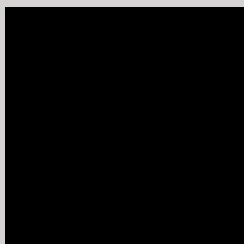
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

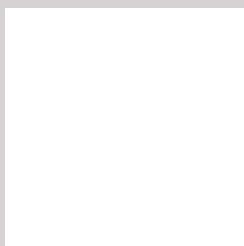
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9958, 64.8428, 69.5700

Background



This preview shows how black text looks on a background with the XYZ color 61.9958, 64.8428, 69.5700.

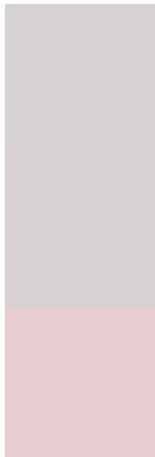


This preview shows how white text looks on a background with the XYZ color 61.9958, 64.8428,

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

61.9958, 64.8428, 69.5700

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

64.0348, 64.9406, 79.6808

Trichromacy



Original Color

61.9958, 64.8428, 69.5700

Protanomaly

62.2868, 64.9928, 69.5836

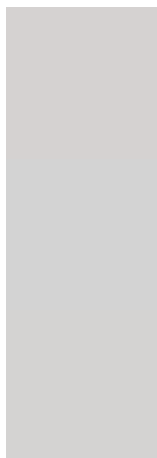
Deuteranomaly

64.4446, 64.6431, 70.0535

Tritanomaly

63.3182, 65.0115, 76.2291

Monochromacy



Original Color

61.9958, 64.8428, 69.5700

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0785, 65.2387, 70.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9958, 64.8428, 69.5700 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(213, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.9958, 64.8428, 69.5700 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(213, 210, 209) }
```


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

```
.border{ border-color:rgb(213, 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(213, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9958, 64.8428, 69.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 209) }
```

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

```
.background{ background-color: rgb(213,  
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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