

Converting Colors

XYZ(61.0647, 63.0920, 68.3536)

Have a look what the booklet for
XYZ(61.0647, 63.0920, 68.3536)
contains.

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Color

**XYZ(60.8970, 62.8428,
68.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CED0
RGB	213, 206, 208
RGB Percent	84%, 81%, 82%
CMY	0.1647, 0.1921, 0.1843
CMYK	0.00, 0.03, 0.02, 0.16
HSL	343°, 8%, 82%
HSV	343°, 3%, 84%
XYZ	60.8970, 62.8428, 68.5948
YIQ	208.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

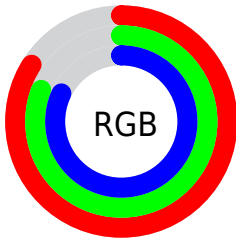
Format	Color
R _Y B	213, 206, 208
Decimal	14012112
CIE Lab	83.36, 2.77, -0.14
CIE LCh	83, 2.774, 357.077
Yxy	62.8428, 0.3166, 0.3267
Android (android.graphics.Color)	4292202192 (0xFFD5CED0)
YUV	208.3210, -0.1583, 4.1035
Hunter-Lab	79.2735, -1.6068, 4.1882

Details

The XYZ color **60.8970, 62.8428, 68.5948** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0080, 65.4150, 71.0420**, and the grayscale version is **60.1633, 63.2965, 68.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1615, 32.0587, 35.1174** is the 20% darker color. If you saturate the color by 10%, you get **54.3293, 52.5613, 57.6052**, and if you desaturate by 10%, it is **68.3430, 74.5914, 80.7656**.

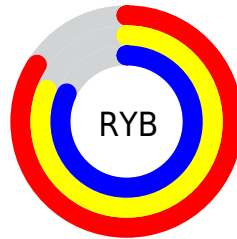
Distribution



Red (84%)

Green (81%)

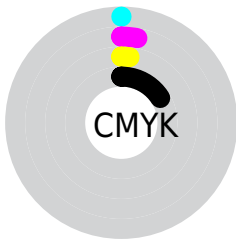
Blue (82%)



Red (84%)

Yellow (81%)

Blue (82%)

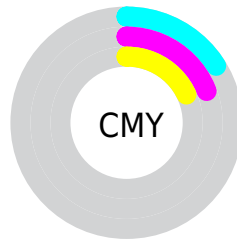


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (16%)



Cyan (16%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8970, 62.8428, 68.5948 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 60.8970, 62.8428, 68.5948 by changing the saturation by 10% instead.

■ 60.8970, 62.8428,
68.5948

■ 60.8970, 62.8428,
68.5948

417.6782,
434.9988, 474.2557

■ 44.3943, 45.7140,
49.9121

105.2287,
108.9427, 118.8649

■ 31.1798, 32.0202,
34.9729

133.7885,
138.6826, 151.2893

■ 20.8883, 21.3770,
23.3586

167.0979,
173.3951, 189.1314

■ 13.1544, 13.3998,
14.6507

205.5224,
213.4644, 232.8097

■ 7.6127, 7.7044,
8.4307

249.4273,
259.2750, 282.7428

■ 3.8978, 3.9064,
4.2801

299.1780,

■ 1.6445, 1.6213,

311.2114, 339.3491

1.7802

355.1399,
369.6578, 403.0472

■ 0.4211, 0.3719,
0.4149

■ 0.0000, 0.0000,
0.0000

■ 60.8970, 62.8428,
68.5948

■ 60.8970, 62.8428,
68.5948

■ 54.3293, 52.5613,
57.6052

■ 68.3430, 74.5914,
80.7656

■ 48.6016, 43.6813,
47.7568

■ 76.6928, 87.8532,
94.1476

■ 43.6810, 36.1441,
39.0134

■ 81.0370, 92.8007,
107.1280

■ 39.5300, 29.8838,
31.3353

■ 81.2509, 92.8863,
108.2542

■ 36.1082, 24.8289,
24.6804

■ 33.3713, 20.9008,
19.0035

■ 31.2703, 18.0115,
14.2558

■ 29.7487, 16.0598,
10.3839

■ 28.7395, 14.9236,
7.3278

Harmonies

Analogous

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



60.7099, 62.8428, 70.2480



60.8970, 62.8428, 68.5948



60.7697, 62.8428, 66.9230

Triad

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



60.8970, 62.8428, 68.5948



59.2034, 62.8428, 65.5075



59.1015, 62.8428, 71.2538

Complementary

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



60.8970, 62.8428, 68.5948



61.0080, 65.4150, 71.0420

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.



58.7026, 62.8428, 69.9495



60.8970, 62.8428, 68.5948



58.7611, 62.8428, 66.6341

Square

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



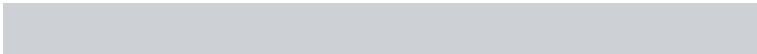
60.8970, 62.8428, 68.5948



59.7894, 62.8428, 65.1584



58.5784, 62.8428, 68.2557



59.6710, 62.8428, 71.7992

Rectangle

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



60.8970, 62.8428, 68.5948



60.5242, 62.8428, 66.0195



58.5784, 62.8428, 68.2557



58.9432, 62.8428, 70.8885

Sweetspot

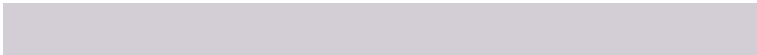
The Sweet Spot groups the original color and five complimentary colors.



60.8988, 62.8455, 68.5962



93.9498, 98.2670, 107.0927



60.9189, 62.7837, 71.8592



20.1207, 21.0514, 22.9413



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.



60.8988, 62.8455, 68.5962



90.7303, 93.2032, 101.7798



60.9930, 63.4246, 67.4233



13.2637, 13.5695, 14.8240



17.3111, 8.8608, 3.6765



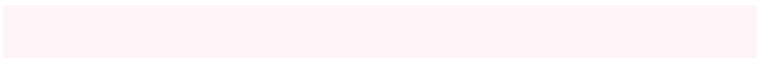
1.0796, 0.5486, 0.4088

Inverse Universe

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



60.8988, 62.8455, 68.5962



90.7303, 93.2032, 101.7798



60.9095, 64.8149, 72.2518



13.2637, 13.5695, 14.8240



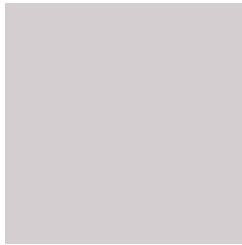
17.3111, 8.8608, 3.6765



1.0796, 0.5486, 0.4088

Previews

White Background



This preview shows how the XYZ color 60.8970, 62.8428, 68.5948 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 60.8970, 62.8428, 68.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

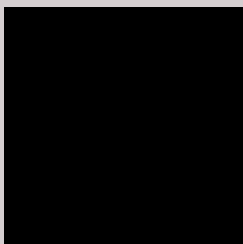
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

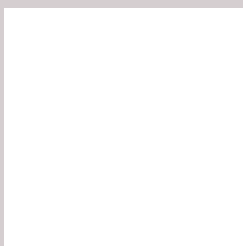
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8970, 62.8428, 68.5948

Background



This preview shows how black text looks on a background with the XYZ color 60.8970, 62.8428, 68.5948.

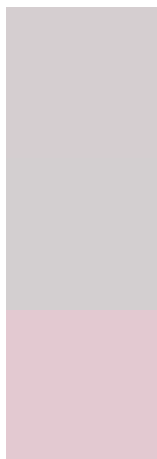


This preview shows how white text looks on a background with the XYZ color 60.8970, 62.8428,

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

60.8970, 62.8428, 68.5948

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

64.0738, 62.7076, 69.0483



Tritanopia

62.5355, 62.8001, 76.5358

Trichromacy



Original Color

60.8970, 62.8428, 68.5948

Protanomaly

60.8494, 63.1768, 68.6617

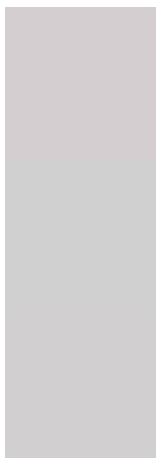
Deuteranomaly

62.9888, 62.8449, 69.1320

Tritanomaly

61.9575, 62.9167, 73.8444

Monochromacy



Original Color

60.8970, 62.8428, 68.5948

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2763, 62.8814, 68.6349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8970, 62.8428, 68.5948 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, 206, 208) looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 208)  
}
```

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, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.8970, 62.8428, 68.5948 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, 206, 208) }
```


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

```
.border{ border-color:rgb(213, 206, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 206, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8970, 62.8428, 68.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 208) }
```

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

```
.background{ background-color: rgb(213,  
206, 208) }
```

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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