

Converting Colors

XYZ(57.7150, 60.6886, 69.5682)

Have a look what the booklet for
XYZ(57.7150, 60.6886, 69.5682)
contains.

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Color

**XYZ(57.8213, 60.8723,
69.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDD2
RGB	202, 205, 210
RGB Percent	79%, 80%, 82%
CMY	0.2078, 0.1961, 0.1765
CMYK	0.04, 0.02, 0.00, 0.18
HSL	217°, 8%, 81%
HSV	217°, 4%, 82%
XYZ	57.8213, 60.8723, 69.6748
YIQ	204.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

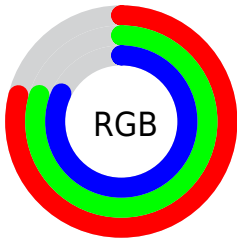
Format	Color
R _Y B	202, 204, 210
Decimal	13290962
CIE Lab	82.31, -0.09, -2.85
CIE LCh	82, 2.848, 268.231
Yxy	60.8723, 0.3070, 0.3232
Android (android.graphics.Color)	4291481042 (0xFFCACDD2)
YUV	204.6730, 2.6262, -2.3442
Hunter-Lab	78.0207, -4.2495, 1.6668

Details

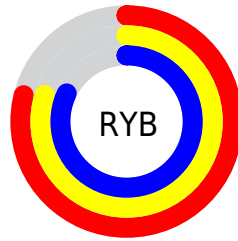
The XYZ color **57.8213, 60.8723, 69.6748** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5520, 62.5910, 64.8207**, and the grayscale version is **57.8075, 60.8180, 66.2308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2801, 30.8294, 35.8599** is the 20% darker color. If you saturate the color by 10%, you get **49.5145, 52.1272, 68.4256**, and if you desaturate by 10%, it is **67.1679, 70.5473, 71.0506**.

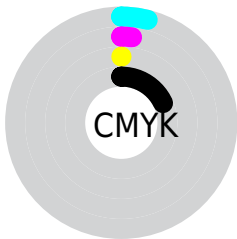
Distribution



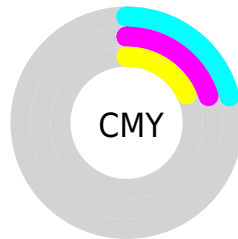
- Red (79%)
- Green (80%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8213, 60.8723, 69.6748 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 57.8213, 60.8723, 69.6748 by changing the saturation by 10% instead.

■ 57.8213, 60.8723,
69.6748

■ 57.8213, 60.8723,
69.6748

406.4843,
427.8056, 478.1656

■ 41.9077, 44.1221,
50.7863

100.7870,
106.0940, 120.4216

■ 29.2198, 30.7665,
35.6630

128.5699,
135.3343, 153.1171

■ 19.3923, 20.4211,
23.8864

161.0399,
169.5068, 191.2519

■ 12.0598, 12.7015,
15.0380

198.5624,
208.9959, 235.2446

■ 6.8569, 7.2233,
8.6991

241.5027,
254.1859, 285.5138

■ 3.4183, 3.6022,
4.4513

290.2263,

■ 1.3786, 1.4536,

305.4613, 342.4780

1.8761

345.0983,
363.2064, 406.5557

■ 0.2409, 0.2557,
0.4774

■ 0.0000, 0.0000,
0.0000

■ 57.8213, 60.8723,
69.6748

■ 57.8213, 60.8723,
69.6748

■ 49.5145, 52.1272,
68.4256

■ 67.1679, 70.5473,
71.0506

■ 42.2048, 44.2754,
67.2953

■ 77.5846, 81.1720,
72.5523

■ 35.8542, 37.2892,
66.2815

■ 85.3307, 90.8285,
74.0080

■ 30.4201, 31.1362,
65.3803

■ 88.6330, 97.4332,
75.1087

■ 25.8565, 25.7819,
64.5873

■ 22.1134, 21.1893,
63.8981

■ 19.1346, 17.3175,
63.3078

■ 16.8567, 14.1211,
62.8109

■ 15.2034, 11.5476,
62.4013

Harmonies

Analogous

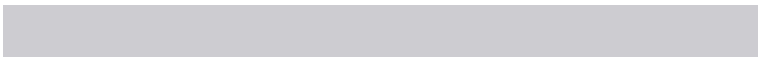
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2454, 60.8723, 69.1603



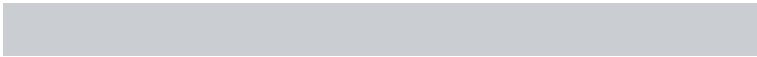
57.8213, 60.8723, 69.6748



58.4108, 60.8723, 69.2664

Triad

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



57.8213, 60.8723, 69.6748



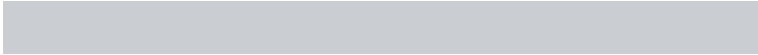
58.8910, 60.8723, 64.7120



56.8713, 60.8723, 64.5364

Complementary

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



57.8213, 60.8723, 69.6748



59.5520, 62.5910, 64.8207

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.



57.3073, 60.8723, 63.3799



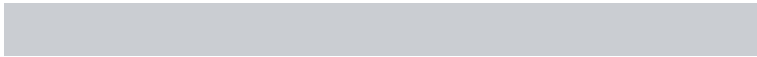
57.8213, 60.8723, 69.6748



58.4736, 60.8723, 63.4800

Square

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



57.8213, 60.8723, 69.6748



59.0310, 60.8723, 66.3827



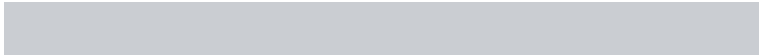
57.8933, 60.8723, 62.9965



56.6993, 60.8723, 66.1765

Rectangle

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



57.8213, 60.8723, 69.6748



58.7316, 60.8723, 68.5297



57.8933, 60.8723, 62.9965



56.9917, 60.8723, 64.0792

Sweetspot

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



57.8230, 60.8749, 69.6761



93.6120, 98.5075, 108.6877



58.6590, 63.1525, 68.0877



20.0520, 21.1004, 23.2659



0.0000, 0.0000, 0.0000



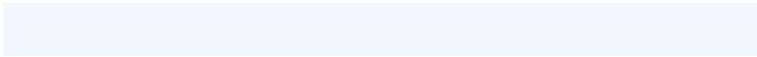
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8230, 60.8749, 69.6761



88.0257, 92.6852, 107.8583



57.3648, 59.5824, 69.4508



12.2117, 12.8588, 15.0820



8.8833, 6.4132, 37.9622



0.5721, 0.5093, 2.1477

Inverse Universe

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



58.7197, 60.3517, 66.3148



89.8607, 91.6308, 100.9754



60.0216, 63.9235, 65.0531



12.4976, 12.6958, 14.0094



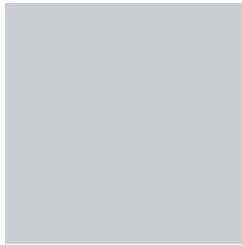
17.1146, 8.7187, 5.5097



0.9950, 0.5027, 0.5084

Previews

White Background



This preview shows how the XYZ color 57.8213, 60.8723, 69.6748 looks on a white background.

Color Contrast Check

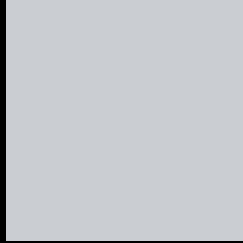
Large Text (above 18pt) WCAG AA × Fail

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 57.8213, 60.8723, 69.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

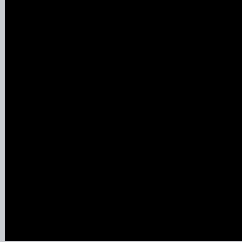
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

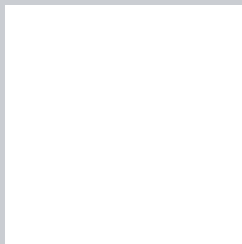
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8213, 60.8723, 69.6748

Background



This preview shows how black text looks on a background with the XYZ color 57.8213, 60.8723, 69.6748.

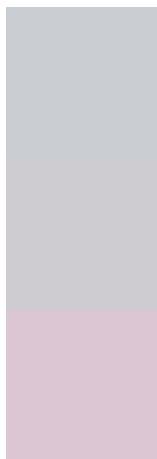


This preview shows how white text looks on a background with the XYZ color 57.8213, 60.8723,

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

57.8213, 60.8723, 69.6748

Protanopia

58.8336, 61.0546, 69.0054

Deuteranopia

61.7707, 60.4635, 70.0430



Tritanopia

59.1760, 60.7165, 76.3107

Trichromacy



Original Color

57.8213, 60.8723, 69.6748

Protanomaly

58.2783, 60.7683, 68.9795

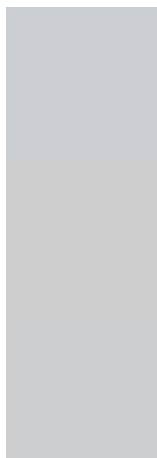
Deuteranomaly

60.3761, 60.7726, 70.1761

Tritanomaly

58.6161, 60.8401, 73.6197

Monochromacy



Original Color

57.8213, 60.8723, 69.6748

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9956, 61.0050, 67.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8213, 60.8723, 69.6748 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(202, 205, 210) looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.8213, 60.8723, 69.6748 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(202, 205, 210) }
```


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

```
.border{ border-color:rgb(202, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8213, 60.8723, 69.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 210) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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