

Converting Colors

XYZ(57.9133, 63.7402, 70.1116)

Have a look what the booklet for
XYZ(57.9133, 63.7402, 70.1116)
contains.

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Color

**XYZ(57.9328, 63.8437,
70.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D2
RGB	195, 213, 210
RGB Percent	76%, 84%, 82%
CMY	0.2353, 0.1647, 0.1765
CMYK	0.08, 0.00, 0.01, 0.16
HSL	170°, 18%, 80%
HSV	170°, 8%, 84%
XYZ	57.9328, 63.8437, 70.2425
YIQ	207.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

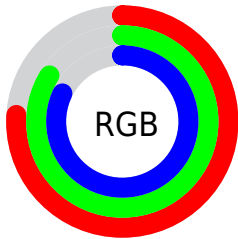
Format	Color
RYB	195, 205, 213
Decimal	12834258
CIELab	83.88, -6.60, -0.60
CIElCh	84, 6.629, 185.182
Yxy	63.8437, 0.3017, 0.3325
Android (android.graphics.Color)	4291024338 (0xFFC3D5D2)
YUV	207.2760, 1.3429, -10.7661
Hunter-Lab	79.9023, -10.4083, 3.8094

Details

The XYZ color **57.9328, 63.8437, 70.2425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1510, 57.2553, 61.4682**, and the grayscale version is **59.4837, 62.5815, 68.1512**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.2121, 32.5167, 36.1892** is the 20% darker color. If you saturate the color by 10%, you get **52.3797, 61.0333, 67.6985**, and if you desaturate by 10%, it is **64.2845, 67.0682, 72.8779**.

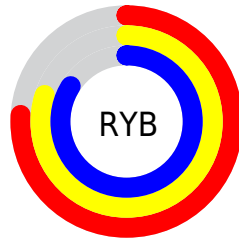
Distribution



Red (76%)

Green (84%)

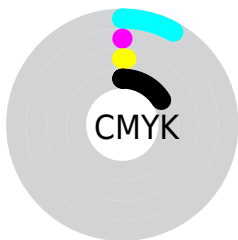
Blue (82%)



Red (76%)

Yellow (80%)

Blue (84%)

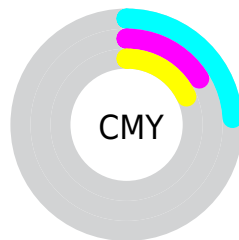


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9328, 63.8437, 70.2425 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 57.9328, 63.8437, 70.2425 by changing the saturation by 10% instead.

■ 57.9328, 63.8437,
70.2425

■ 57.9328, 63.8437,
70.2425

406.8934,
438.6250, 480.2131

■ 41.9977, 46.5241,
51.2462

■ 100.9485,
110.3858, 121.2389

■ 29.2906, 32.6596,
36.0265

128.7598,
140.3771, 154.0760

■ 19.4461, 21.8658,
24.1648

161.2606,
175.3611, 192.3639

■ 12.0990, 13.7583,
15.2426

198.8161,
215.7221, 236.5211

■ 6.8838, 7.9528,
8.8413

241.7918,
261.8446, 286.9661

■ 3.4352, 4.0647,
4.5424

290.5530,

■ 1.3879, 1.7098,

314.1130, 344.1174

1.9274

345.4651,
372.9117, 408.3935

■ 0.2476, 0.4300,
0.5101

■ 0.0000, 0.0000,
0.0000

■ 57.9328, 63.8437,
70.2425

■ 57.9328, 63.8437,
70.2425

■ 52.3797, 61.0333,
67.6985

■ 64.2845, 67.0682,
72.8779

■ 47.5865, 58.6118,
65.2397


■ 71.4605, 70.7147,
75.6021

■ 43.5196, 56.5636,
62.8655

■ 78.0414, 74.0532,
78.3505


■ 40.1408, 54.8689,
60.5739


■ 78.5190, 74.2443,
80.8655


 37.4080, 53.5062,
58.3625


 79.0067, 74.4393,
83.4336


 35.2747, 52.4515,
56.2288


 79.5045, 74.6385,
86.0550


 33.6882, 51.6776,
54.1700

 80.0125, 74.8417,
88.7302

 32.5863, 51.1523,
52.1828

 80.5308, 75.0490,
91.4594

 31.8749, 50.8274,
50.2625

 81.0594, 75.2604,
94.2428

Harmonies

Analogous

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



58.1730, 63.8437, 66.1999



57.9328, 63.8437, 70.2425



58.4195, 63.8437, 74.2432

Triad

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



57.9328, 63.8437, 70.2425



62.3108, 63.8437, 76.2840



61.8655, 63.8437, 62.4809

Complementary

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



57.9328, 63.8437, 70.2425



57.1510, 57.2553, 61.4682

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.



63.0012, 63.8437, 64.9918



57.9328, 63.8437, 70.2425



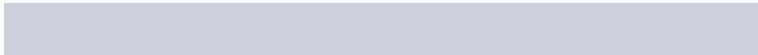
63.2612, 63.8437, 72.9388

Square

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



57.9328, 63.8437, 70.2425



60.9350, 63.8437, 77.8194



63.5158, 63.8437, 68.7924



60.4287, 63.8437, 61.8234

Rectangle

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



57.9328, 63.8437, 70.2425



59.0953, 63.8437, 76.3152



63.5158, 63.8437, 68.7924



62.2959, 63.8437, 63.1311

Sweetspot

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



57.9346, 63.8464, 70.2439



92.0865, 98.4959, 107.6924



57.0144, 63.5779, 60.8976



19.5449, 20.9982, 22.9820



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.



57.9346, 63.8464, 70.2439



85.6055, 95.2094, 104.9227



56.9035, 61.1796, 71.7636



12.6991, 14.0706, 15.4958



19.4434, 31.0327, 30.6945



1.1969, 1.8814, 1.9787

Inverse Universe

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



57.1510, 57.2553, 61.4682



84.2138, 83.5021, 89.3354



58.1099, 59.7218, 60.0956



12.5069, 12.4543, 13.3438



16.9776, 8.7273, 1.9199



1.0506, 0.5370, 0.2559

Previews

White Background



This preview shows how the XYZ color 57.9328, 63.8437, 70.2425 looks on a white background.

Color Contrast Check

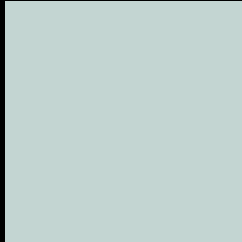
Large Text (above 18pt) WCAG AA × Fail

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 57.9328, 63.8437, 70.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

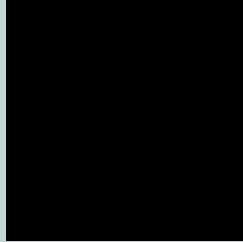
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

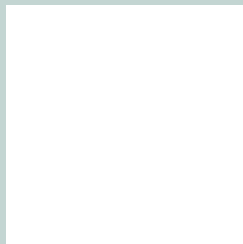
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9328, 63.8437, 70.2425

Background



This preview shows how black text looks on a background with the XYZ color 57.9328, 63.8437, 70.2425.

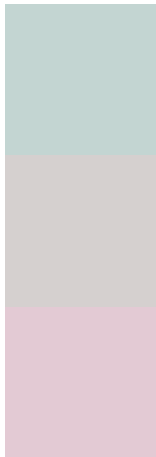


This preview shows how white text looks on a background with the XYZ color 57.9328, 63.8437,

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

57.9328, 63.8437, 70.2425

Protanopia

61.2589, 63.7629, 68.1103

Deuteranopia

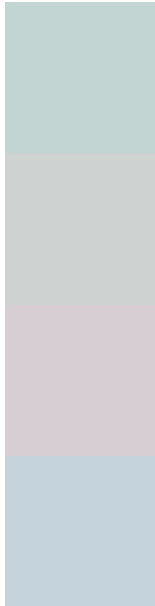
64.6827, 63.3254, 71.1012



Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

57.9328, 63.8437, 70.2425

Protanomaly

59.8854, 63.7691, 68.8269

Deuteranomaly

61.8535, 63.2928, 70.5847

Tritanomaly

59.3714, 63.6793, 77.5687

Monochromacy



Original Color

57.9328, 63.8437, 70.2425

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8142, 62.8515, 68.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9328, 63.8437, 70.2425 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(195, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9328, 63.8437, 70.2425 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(195, 213, 210) }
```


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

```
.border{ border-color:rgb(195, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 213, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 213, 210); box-shadow:4px 4px 4px 4px rgb(195, 213, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9328, 63.8437, 70.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 210) }
```

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

```
.background{ background-color: rgb(195,  
213, 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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