

Converting Colors

XYZ(57.6689, 62.4908, 71.1698)

Have a look what the booklet for
XYZ(57.6689, 62.4908, 71.1698)
contains.

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Color

**XYZ(57.6952, 62.5824,
71.3261)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D2D4
RGB	196, 210, 212
RGB Percent	77%, 82%, 83%
CMY	0.2314, 0.1765, 0.1686
CMYK	0.08, 0.01, 0.00, 0.17
HSL	187°, 16%, 80%
HSV	187°, 8%, 83%
XYZ	57.6952, 62.5824, 71.3261
YIQ	206.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

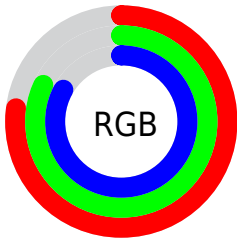
Format	Color
RYB	196, 203, 212
Decimal	12899028
CIELab	83.22, -4.33, -2.62
CIElCh	83, 5.061, 211.234
Yxy	62.5824, 0.3011, 0.3266
Android (android.graphics.Color)	4291089108 (0xFFC4D2D4)
YUV	206.0420, 2.9373, -8.8068
Hunter-Lab	79.1090, -8.2586, 1.9194

Details

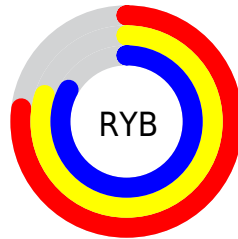
The XYZ color **57.6952, 62.5824, 71.3261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3095, 58.3703, 60.4716**, and the grayscale version is **58.6805, 61.7364, 67.2310**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.1296, 31.9620, 36.5323** is the 20% darker color. If you saturate the color by 10%, you get **51.9184, 58.6443, 70.8714**, and if you desaturate by 10%, it is **64.2656, 66.9490, 71.8236**.

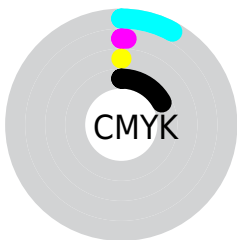
Distribution



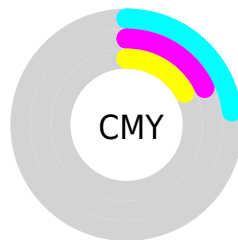
- Red (77%)
- Green (82%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6952, 62.5824, 71.3261 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 57.6952, 62.5824, 71.3261 by changing the saturation by 10% instead.

■ 57.6952, 62.5824,
71.3261

■ 57.6952, 62.5824,
71.3261

406.0214,
434.0523, 484.1069

■ 41.8060, 45.5035,
52.1249

100.6044,
108.5668, 122.7967

■ 29.1398, 31.8542,
36.7217

128.3550,
138.2411, 155.9032

■ 19.3314, 21.2501,
24.6980

160.7902,
172.8826, 194.4819

■ 12.0154, 13.3070,
15.6352

198.2753,
212.8757, 238.9513

■ 6.8265, 7.6403,
9.1149

241.1756,
258.6048, 289.7300

■ 3.3992, 3.8656,
4.7183

289.8565,

■ 1.3682, 1.5987,

310.4544, 347.2364

2.0271

344.6833,
368.8088, 411.8892

■ 0.2334, 0.3567,
0.5719

■ 0.0000, 0.0000,
0.0000

■ 57.6952, 62.5824,
71.3261

■ 57.6952, 62.5824,
71.3261

■ 51.9184, 58.6443,
70.8714

■ 64.2656, 66.9490,
71.8236

■ 46.8973, 55.1101,
70.4539

■ 71.6548, 71.7522,
72.3613

■ 42.5988, 51.9642,
70.0732

■ 78.1802, 76.1262,
72.8616

■ 38.9853, 49.1873,
69.7277

■ 78.8716, 77.5090,
73.0921

36.0158, 46.7581,
69.4153

79.5739, 78.9137,
73.3262

33.6448, 44.6530,
69.1340

80.2874, 80.3406,
73.5640

31.8207, 42.8455,
68.8812

81.0119, 81.7896,
73.8055

30.4831, 41.3043,
68.6542

81.7476, 83.2610,
74.0507

29.5485, 39.9863,
68.4491

82.4944, 84.7547,
74.2997

Harmonies

Analogous

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



57.3963, 62.5824, 68.2720



57.6952, 62.5824, 71.3261



58.4722, 62.5824, 73.5820

Triad

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



57.6952, 62.5824, 71.3261



61.3532, 62.5824, 71.0937



59.4372, 62.5824, 62.2720

Complementary

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



57.6952, 62.5824, 71.3261



57.3095, 58.3703, 60.4716

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.



60.5048, 62.5824, 62.9762



57.6952, 62.5824, 71.3261



61.6191, 62.5824, 68.0114

Square

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



57.6952, 62.5824, 71.3261



60.5845, 62.5824, 73.4449



61.3067, 62.5824, 65.0533



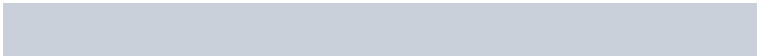
58.3943, 62.5824, 63.0999

Rectangle

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



57.6952, 62.5824, 71.3261



59.1614, 62.5824, 74.2955



61.3067, 62.5824, 65.0533



59.8051, 62.5824, 62.3373

Sweetspot

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



57.6970, 62.5850, 71.3275



92.9958, 98.6401, 108.7458



56.4871, 62.8948, 62.5092



19.9265, 21.1273, 23.2777



0.0000, 0.0000, 0.0000



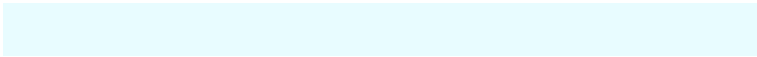
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6970, 62.5850, 71.3275



86.1980, 94.0904, 108.2259



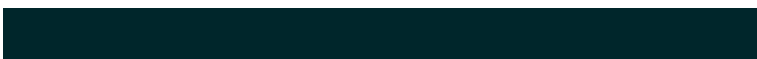
55.8014, 58.7939, 70.6956



12.6538, 13.8310, 15.9402



18.1676, 24.5970, 42.2433



1.1337, 1.5594, 2.5606

Inverse Universe

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



58.5256, 58.1313, 69.1117



87.7029, 86.0383, 104.1930



59.1554, 62.0620, 61.0869



12.8832, 12.6048, 15.3252



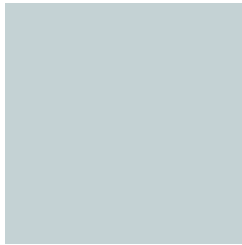
22.2290, 10.8279, 29.5738



1.3599, 0.6607, 1.8845

Previews

White Background



This preview shows how the XYZ color 57.6952, 62.5824, 71.3261 looks on a white background.

Color Contrast Check

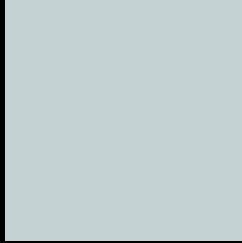
Large Text (above 18pt) WCAG AA × Fail

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 57.6952, 62.5824, 71.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

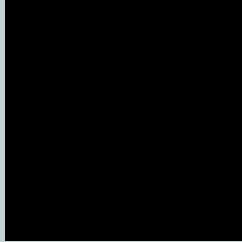
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

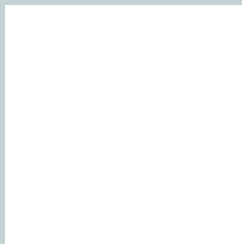
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6952, 62.5824, 71.3261

Background



This preview shows how black text looks on a background with the XYZ color 57.6952, 62.5824, 71.3261.

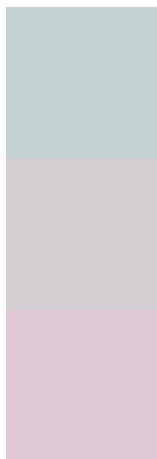


This preview shows how white text looks on a background with the XYZ color 57.6952, 62.5824,

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

57.6952, 62.5824, 71.3261

Protanopia

60.2825, 62.4974, 69.8587

Deuteranopia

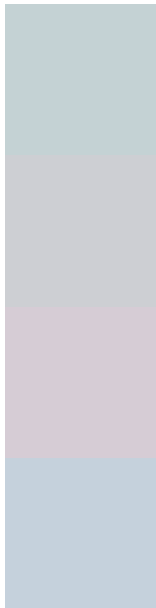
63.7647, 62.4756, 72.3166



Tritanopia

59.4352, 62.5538, 80.1757

Trichromacy



Original Color

57.6952, 62.5824, 71.3261

Protanomaly

59.2475, 62.3079, 70.5320

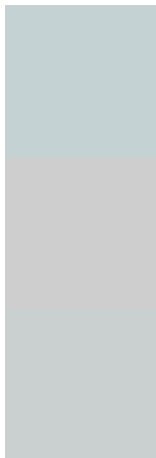
Deuteranomaly

61.3347, 62.2860, 71.7405

Tritanomaly

58.7447, 62.6386, 76.7044

Monochromacy



Original Color

57.6952, 62.5824, 71.3261

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0551, 61.7363, 68.5310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6952, 62.5824, 71.3261 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(196, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 212)  
}
```

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(196, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.6952, 62.5824, 71.3261 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(196, 210, 212) }
```


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

```
.border{ border-color:rgb(196, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6952, 62.5824, 71.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 212) }
```

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

```
.background{ background-color: rgb(196,  
210, 212) }
```

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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