

Converting Colors

XYZ(57.3524, 61.8924, 71.1953)

Have a look what the booklet for
XYZ(57.3524, 61.8924, 71.1953)
contains.

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Color

**XYZ(57.4491, 62.0902,
71.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D1D4
RGB	196, 209, 212
RGB Percent	77%, 82%, 83%
CMY	0.2314, 0.1804, 0.1686
CMYK	0.08, 0.01, 0.00, 0.17
HSL	191°, 16%, 80%
HSV	191°, 8%, 83%
XYZ	57.4491, 62.0902, 71.2441
YIQ	205.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

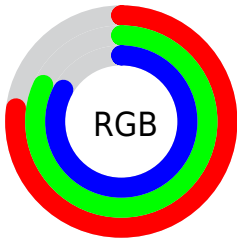
Format	Color
RYB	196, 203, 212
Decimal	12898772
CIELab	82.96, -3.81, -3.01
CIELCh	83, 4.851, 218.314
Yxy	62.0902, 0.3011, 0.3254
Android (android.graphics.Color)	4291088852 (0xFFC4D1D4)
YUV	205.4550, 3.2267, -8.2920
Hunter-Lab	78.7973, -7.7556, 1.5515

Details

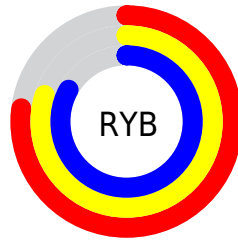
The XYZ color **57.4491, 62.0902, 71.2441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5388, 58.8290, 60.5480**, and the grayscale version is **58.3036, 61.3400, 66.7992**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.9625, 31.6278, 36.4766** is the 20% darker color. If you saturate the color by 10%, you get **51.3580, 57.5235, 70.6846**, and if you desaturate by 10%, it is **64.3472, 67.1124, 71.8509**.

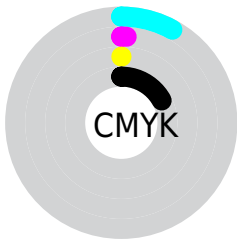
Distribution



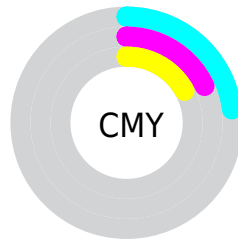
- Red (77%)
- Green (82%)
- Blue (83%)



- 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 57.4491, 62.0902, 71.2441 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 57.4491, 62.0902, 71.2441 by changing the saturation by 10% instead.

■ 57.4491, 62.0902,
71.2441

■ 57.4491, 62.0902,
71.2441

405.1170,
432.2600, 483.8129

■ 41.6075, 45.1056,
52.0584

100.2478,
107.8559, 122.6789

■ 28.9838, 31.5406,
36.6690

127.9355,
137.4057, 155.7651

■ 19.2128, 21.0108,
24.6576

160.3027,
171.9128, 194.3219

■ 11.9291, 13.1319,
15.6054

197.7146,
211.7615, 238.7677

■ 6.7672, 7.5195,
9.0941

240.5366,
257.3361, 289.5212

■ 3.3620, 3.7890,
4.7049

289.1341,

■ 1.3480, 1.5563,

309.0212, 347.0009

2.0195

343.8725,
367.2010, 411.6253

■ 0.2187, 0.3278,
0.5672

■ 0.0000, 0.0000,
0.0000

■ 57.4491, 62.0902,
71.2441

■ 57.4491, 62.0902,
71.2441

■ 51.3580, 57.5235,
70.6846

■ 64.3472, 67.1124,
71.8509

■ 46.0360, 53.3874,
70.1668

■ 72.0778, 72.5983,
72.5023

■ 41.4498, 49.6662,
69.6902

■ 78.9583, 77.6825,
73.1210

■ 37.5617, 46.3401,
69.2532

■ 80.0187, 79.8032,
73.4745

■ 34.3306, 43.3876,
68.8536

■ 81.1039, 81.9737,
73.8362

■ 31.7108, 40.7851,
68.4893

■ 82.2143, 84.1945,
74.2063

■ 29.6507, 38.5055,
68.1579

■ 83.3500, 86.4659,
74.5849

■ 28.0896, 36.5174,
67.8564

■ 84.5112, 88.7881,
74.9720

■ 26.9441, 34.7774,
67.5810

■ 85.6979, 91.1616,
75.3675

Harmonies

Analogous

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



57.0449, 62.0902, 68.4429



57.4491, 62.0902, 71.2441



58.2740, 62.0902, 73.1068

Triad

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



57.4491, 62.0902, 71.2441



60.9057, 62.0902, 69.7590



58.7242, 62.0902, 62.0588

Complementary

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



57.4491, 62.0902, 71.2441



57.5388, 58.8290, 60.5480

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.



59.7620, 62.0902, 62.3877



57.4491, 62.0902, 71.2441



61.0297, 62.0902, 66.7753

Square

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



57.4491, 62.0902, 71.2441



60.2720, 62.0902, 72.2319



60.6088, 62.0902, 64.0933



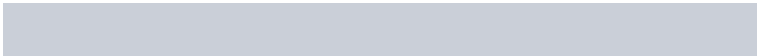
57.7754, 62.0902, 63.1813

Rectangle

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



57.4491, 62.0902, 71.2441



58.9557, 62.0902, 73.5350



60.6088, 62.0902, 64.0933



59.0741, 62.0902, 62.0040

Sweetspot

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



57.4509, 62.0928, 71.2455



92.8945, 98.4376, 108.7120



56.6105, 62.9442, 63.1590



19.9059, 21.0861, 23.2708



0.0000, 0.0000, 0.0000



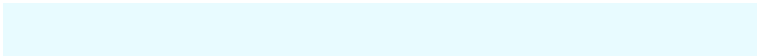
20.3446, 21.4041, 23.3091

Same Dimension

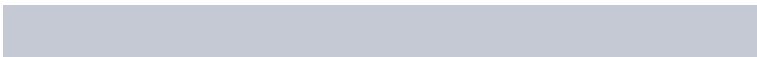
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4509, 62.0928, 71.2455



85.7490, 93.1922, 108.0762



55.5518, 58.2947, 70.6124



12.5853, 13.6940, 15.9174



16.5474, 21.3566, 41.7033



1.0503, 1.3927, 2.5328

Inverse Universe

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



58.4013, 58.0816, 68.4575



87.4763, 85.9476, 102.9994



59.4129, 62.5770, 61.1727



12.8486, 12.5909, 15.1431



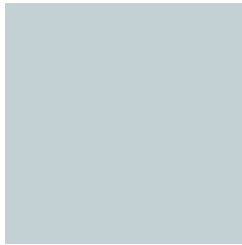
21.4112, 10.5008, 25.2673



1.3178, 0.6439, 1.6630

Previews

White Background



This preview shows how the XYZ color 57.4491, 62.0902, 71.2441 looks on a white background.

Color Contrast Check

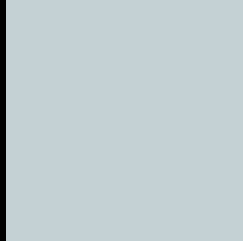
Large Text (above 18pt) WCAG AA × Fail

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 57.4491, 62.0902, 71.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

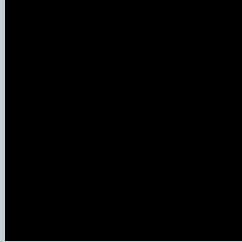
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

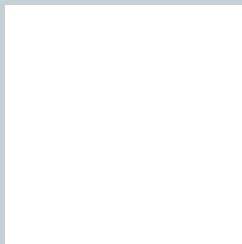
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4491, 62.0902, 71.2441

Background



This preview shows how black text looks on a background with the XYZ color 57.4491, 62.0902, 71.2441.

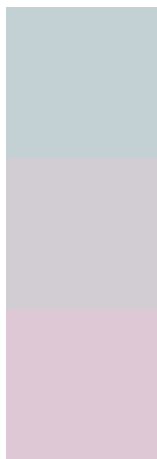


This preview shows how white text looks on a background with the XYZ color 57.4491, 62.0902,

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

57.4491, 62.0902, 71.2441

Protanopia

59.7587, 61.8711, 69.7655

Deuteranopia

63.2233, 61.8516, 72.2246



Tritanopia

59.0561, 62.0132, 79.3782

Trichromacy



Original Color

57.4491, 62.0902, 71.2441

Protanomaly

58.7310, 61.6831, 70.4386

Deuteranomaly

60.8067, 61.6621, 71.6479

Tritanomaly

58.5001, 62.1494, 76.6229

Monochromacy



Original Color

57.4491, 62.0902, 71.2441

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8136, 61.2532, 68.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4491, 62.0902, 71.2441 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, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 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, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.4491, 62.0902, 71.2441 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, 209, 212) }
```


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

```
.border{ border-color:rgb(196, 209, 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, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4491, 62.0902, 71.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 212) }
```

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

```
.background{ background-color: rgb(196,  
209, 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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