

Converting Colors

XYZ(57.8581, 62.5857, 71.9328)

Have a look what the booklet for
XYZ(57.8581, 62.5857, 71.9328)
contains.

XYZ(57.8218, 62.6330, 71.9926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8218, 62.6330,
71.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D2D5
RGB	196, 210, 213
RGB Percent	77%, 82%, 84%
CMY	0.2314, 0.1765, 0.1647
CMYK	0.08, 0.01, 0.00, 0.16
HSL	191°, 17%, 80%
HSV	191°, 8%, 84%
XYZ	57.8218, 62.6330, 71.9926
YIQ	206.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

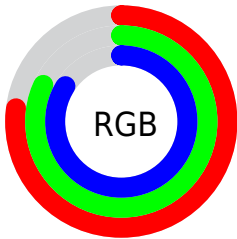
Format	Color
R _Y B	196, 204, 213
Decimal	12899029
CIE Lab	83.25, -4.13, -3.12
CIE LCh	83, 5.177, 217.026
Yxy	62.6330, 0.3005, 0.3255
Android (android.graphics.Color)	4291089109 (0xFFC4D2D5)
YUV	206.1560, 3.3741, -8.9068
Hunter-Lab	79.1410, -8.0816, 1.4641

Details

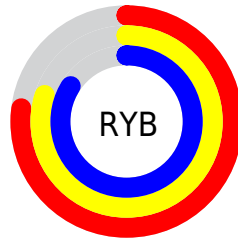
The XYZ color **57.8218, 62.6330, 71.9926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8281, 58.9782, 60.5618**, and the grayscale version is **58.7509, 61.8105, 67.3117**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.2154, 31.9963, 36.9838** is the 20% darker color. If you saturate the color by 10%, you get **51.7542, 58.1465, 71.4474**, and if you desaturate by 10%, it is **64.7013, 67.5737, 72.5846**.

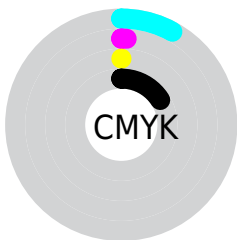
Distribution



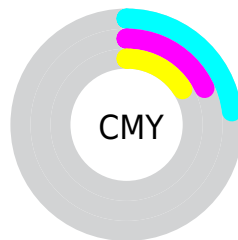
- Red (77%)
- Green (82%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8218, 62.6330, 71.9926 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 57.8218, 62.6330, 71.9926 by changing the saturation by 10% instead.

■ 57.8218, 62.6330,
71.9926

■ 57.8218, 62.6330,
71.9926

406.4862,
434.2363, 486.4927

■ 41.9081, 45.5444,
52.6658

100.7878,
108.6399, 123.7536

■ 29.2201, 31.8864,
37.1502

128.5708,
138.3269, 157.0250

■ 19.3925, 21.2748,
25.0271

161.0409,
172.9822, 195.7816

■ 12.0599, 13.3250,
15.8780

198.5635,
212.9901, 240.4420

■ 6.8570, 7.6527,
9.2845

241.5040,
258.7351, 291.4248

■ 3.4184, 3.8735,
4.8279

290.2277,

■ 1.3787, 1.6031,

310.6016, 349.1485

2.0896

345.1000,
368.9738, 414.0316

■ 0.2410, 0.3597,
0.6096

■ 0.0000, 0.0000,
0.0000

■ 57.8218, 62.6330,
71.9926

■ 57.8218, 62.6330,
71.9926

■ 51.7542, 58.1465,
71.4474

■ 64.7013, 67.5737,
72.5846

■ 46.4600, 54.0892,
70.9433

■ 72.4186, 72.9771,
73.2209

■ 41.9056, 50.4450,
70.4799

■ 79.1781, 77.9195,
73.8186

■ 38.0527, 47.1941,
70.0555

■ 80.1823, 79.9279,
74.1533

■ 34.8594, 44.3147,
69.6680

■ 81.2088, 81.9809,
74.4955

■ 32.2796, 41.7827,
69.3153

■ 82.2577, 84.0788,
74.8451

■ 30.2605, 39.5708,
68.9948

■ 83.3293, 86.2219,
75.2023

■ 28.7404, 37.6468,
68.7035

■ 84.4236, 88.4105,
75.5671

■ 27.6307, 35.9649,
68.4374

■ 85.5408, 90.6449,
75.9395

Harmonies

Analogous

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



57.4113, 62.6330, 68.9567



57.8218, 62.6330, 71.9926



58.6911, 62.6330, 74.0561

Triad

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



57.8218, 62.6330, 71.9926



61.5430, 62.6330, 70.6414



59.2668, 62.6330, 62.2356

Complementary

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



57.8218, 62.6330, 71.9926



57.8281, 58.9782, 60.5618

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.



60.3784, 62.6330, 62.6548



57.8218, 62.6330, 71.9926



61.7019, 62.6330, 67.4423

Square

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



57.8218, 62.6330, 71.9926



60.8419, 62.6330, 73.2590



61.2731, 62.6330, 64.5366



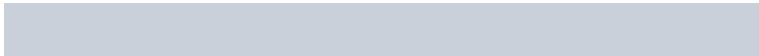
58.2387, 62.6330, 63.3731

Rectangle

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



57.8218, 62.6330, 71.9926



59.4187, 62.6330, 74.5672



61.2731, 62.6330, 64.5366



59.6430, 62.6330, 62.1998

Sweetspot

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



57.8236, 62.6356, 71.9940



92.9124, 98.4732, 108.7180



56.8497, 63.4411, 63.1816



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



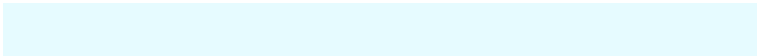
20.3446, 21.4041, 23.3091

Same Dimension

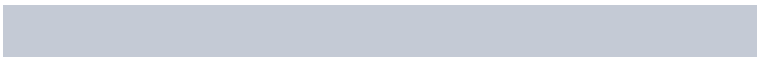
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8236, 62.6356, 71.9940



84.8655, 92.6456, 108.0172



55.8187, 58.6258, 71.3257



12.5973, 13.7180, 15.9214



16.8216, 21.9051, 41.7947



1.0646, 1.4211, 2.5375

Inverse Universe

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



58.8148, 58.2804, 69.1251



86.7324, 84.5096, 102.5986



59.7991, 62.9201, 61.2188



12.8547, 12.5934, 15.1750



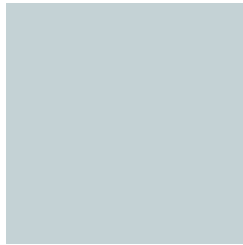
21.5496, 10.5562, 25.9962



1.3250, 0.6468, 1.7008

Previews

White Background



This preview shows how the XYZ color 57.8218, 62.6330, 71.9926 looks on a white background.

Color Contrast Check

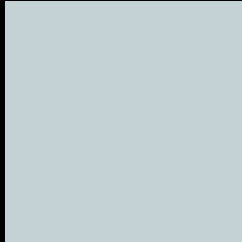
Large Text (above 18pt) WCAG AA × Fail

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 57.8218, 62.6330, 71.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

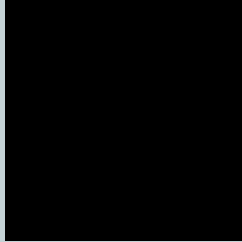
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

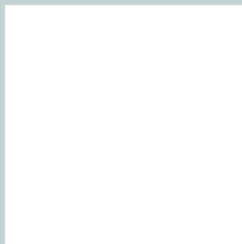
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8218, 62.6330, 71.9926

Background



This preview shows how black text looks on a background with the XYZ color 57.8218, 62.6330, 71.9926.

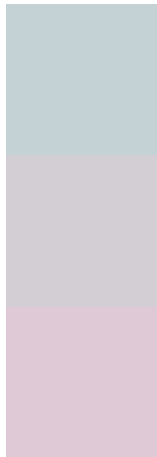


This preview shows how white text looks on a background with the XYZ color 57.8218, 62.6330,

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

57.8218, 62.6330, 71.9926

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

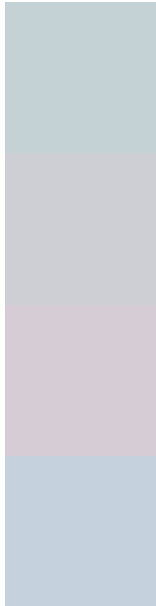
63.8929, 62.5269, 72.9914



Tritanopia

59.4352, 62.5538, 80.1757

Trichromacy



Original Color

57.8218, 62.6330, 71.9926

Protanomaly

59.3733, 62.3582, 71.1944

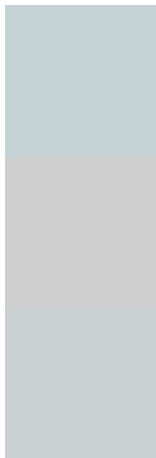
Deuteranomaly

61.4620, 62.3369, 72.4112

Tritanomaly

58.8776, 62.6917, 77.4041

Monochromacy



Original Color

57.8218, 62.6330, 71.9926

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1786, 61.7857, 69.1811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8218, 62.6330, 71.9926 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.8218, 62.6330, 71.9926 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, 213) }
```


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

```
.border{ border-color:rgb(196, 210, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8218, 62.6330, 71.9926 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, 213) }
```

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

```
.background{ background-color: rgb(196,  
210, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor