

Converting Colors

XYZ(58.2725, 62.6991, 66.8415)

Have a look what the booklet for
XYZ(58.2725, 62.6991, 66.8415)
contains.

XYZ(58.1770, 62.5653, 66.7677)	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(58.1770, 62.5653,
66.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD1CD
RGB	202, 209, 205
RGB Percent	79%, 82%, 80%
CMY	0.2078, 0.1804, 0.1961
CMYK	0.03, 0.00, 0.02, 0.18
HSL	146°, 7%, 81%
HSV	146°, 3%, 82%
XYZ	58.1770, 62.5653, 66.7677
YIQ	206.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

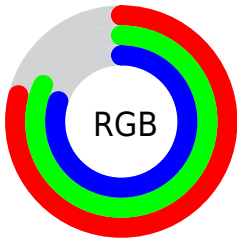
Format	Color
RYB	202, 207, 209
Decimal	13291981
CIELab	83.21, -3.11, 1.14
CIELCh	83, 3.316, 159.858
Yxy	62.5653, 0.3103, 0.3337
Android (android.graphics.Color)	4291482061 (0xFFCAD1CD)
YUV	206.4510, -0.7153, -3.9035
Hunter-Lab	79.0982, -7.1346, 5.3214

Details

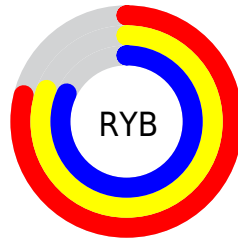
The XYZ color **58.1770, 62.5653, 66.7677** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5579, 60.2541, 66.9393**, and the grayscale version is **58.9625, 62.0332, 67.5541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5200, 31.9730, 33.8937** is the 20% darker color. If you saturate the color by 10%, you get **51.5131, 59.2920, 59.2135**, and if you desaturate by 10%, it is **65.7205, 66.2828, 74.9405**.

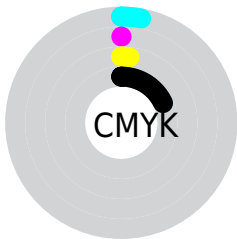
Distribution



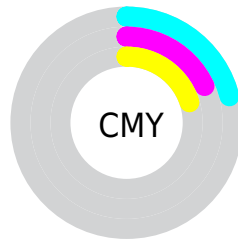
- Red (79%)
- Green (82%)
- Blue (80%)



- Red (79%)
- Yellow (81%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1770, 62.5653, 66.7677 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 58.1770, 62.5653, 66.7677 by changing the saturation by 10% instead.

■ 58.1770, 62.5653,
66.7677

■ 58.1770, 62.5653,
66.7677

407.7884,
433.9901, 467.5964

■ 42.1948, 45.4896,
48.4355

101.3021,
108.5421, 116.2250

■ 29.4456, 31.8433,
33.8094

129.1756,
138.2121, 148.1871

■ 19.5642, 21.2418,
22.4711

161.7436,
172.8489, 185.5296

■ 12.1850, 13.3009,
14.0018

199.3715,
212.8370, 228.6709

■ 6.9429, 7.6361,
7.9832

242.4245,
258.5608, 278.0298

■ 3.4724, 3.8630,
3.9966

291.2681,

■ 1.4082, 1.5972,

310.4047, 334.0246

1.6235

346.2676,
368.7530, 397.0740

■ 0.2621, 0.3557,
0.3075

■ 0.0000, 0.0000,
0.0000

■ 58.1770, 62.5653,
66.7677

■ 58.1770, 62.5653,
66.7677

■ 51.5131, 59.2920,
59.2135

■ 65.7205, 66.2828,
74.9405

■ 45.6905, 56.4383,
52.2596

■ 74.1696, 70.4524,
83.7417

■ 40.6758, 53.9888,
45.8924

■ 79.8953, 73.2049,
93.0146

■ 36.4313, 51.9246,
40.0964

■ 81.7378, 73.9418,
102.7167

■ 32.9162, 50.2249,
34.8556

■ 82.0917, 74.0834,
104.5806

■ 30.0857, 48.8668,
30.1530

■ 27.8899, 47.8251,
25.9706

■ 26.2713, 47.0705,
22.2895

■ 25.1613, 46.5680,
19.0892

Harmonies

Analogous

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



58.5842, 62.5653, 65.1265



58.1770, 62.5653, 66.7677



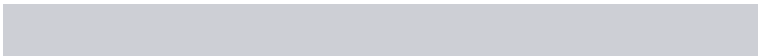
58.1138, 62.5653, 68.8036

Triad

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



58.1770, 62.5653, 66.7677



59.7036, 62.5653, 72.1017



60.5348, 62.5653, 65.6151

Complementary

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



58.1770, 62.5653, 66.7677



58.5579, 60.2541, 66.9393

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.



60.8399, 62.5653, 67.4469



58.1770, 62.5653, 66.7677



60.3575, 62.5653, 71.2100

Square

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



58.1770, 62.5653, 66.7677



58.9913, 62.5653, 71.9110



60.7748, 62.5653, 69.4965



59.9441, 62.5653, 64.4704

Rectangle

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



58.1770, 62.5653, 66.7677



58.2747, 62.5653, 70.1147



60.7748, 62.5653, 69.4965



60.6744, 62.5653, 66.1694

Sweetspot

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



58.1788, 62.5680, 66.7691



93.8842, 99.4260, 107.6251



58.9402, 63.0020, 64.9319



20.1074, 21.2873, 23.0497



0.0000, 0.0000, 0.0000



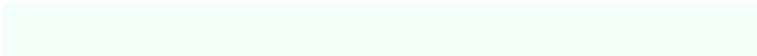
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1788, 62.5680, 66.7691



90.4718, 97.7467, 103.8599



58.5962, 62.7350, 68.9674



12.5634, 13.6332, 14.4261



15.2310, 28.5853, 10.8625



0.8910, 1.6141, 0.8147

Inverse Universe

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



58.5579, 60.2541, 66.9393



91.1863, 93.3856, 104.1808



58.1468, 60.0897, 64.7746



12.6791, 12.9265, 14.4781



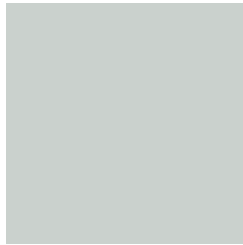
18.3330, 9.2060, 11.9258



1.0644, 0.5305, 0.8739

Previews

White Background



This preview shows how the XYZ color 58.1770, 62.5653, 66.7677 looks on a white background.

Color Contrast Check

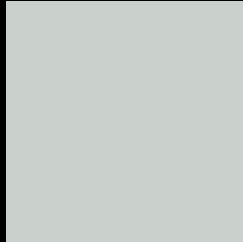
Large Text (above 18pt) WCAG AA × Fail

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 58.1770, 62.5653, 66.7677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

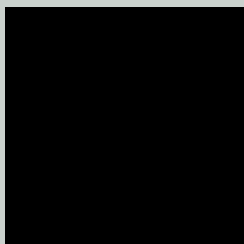
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

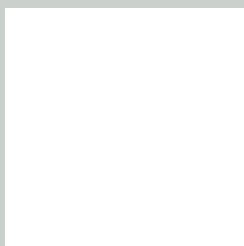
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1770, 62.5653, 66.7677

Background



This preview shows how black text looks on a background with the XYZ color 58.1770, 62.5653, 66.7677.



This preview shows how white text looks on a background with the XYZ color 58.1770, 62.5653,

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

58.1770, 62.5653, 66.7677

Protanopia

60.0022, 62.4515, 65.3918

Deuteranopia

63.5953, 62.1444, 67.6747



Tritanopia

60.5674, 62.4495, 78.6737

Trichromacy



Original Color

58.1770, 62.5653, 66.7677

Protanomaly

59.2243, 62.3952, 66.0488

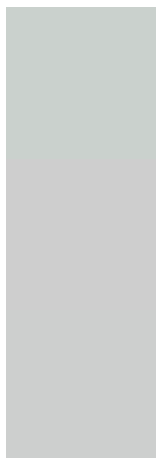
Deuteranomaly

61.4100, 62.0735, 67.1373

Tritanomaly

59.6093, 62.4209, 73.8724

Monochromacy



Original Color

58.1770, 62.5653, 66.7677

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6302, 62.0610, 67.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1770, 62.5653, 66.7677 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, 209, 205) looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 205)  
}
```

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, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.1770, 62.5653, 66.7677 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, 209, 205) }
```


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

```
.border{ border-color:rgb(202, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1770, 62.5653, 66.7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 205) }
```

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

```
.background{ background-color: rgb(202,  
209, 205) }
```

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