

Converting Colors

XYZ(58.7587, 63.9356, 65.7629)

Have a look what the booklet for
XYZ(58.7587, 63.9356, 65.7629)
contains.

XYZ(58.6801, 63.9553, 65.7518)	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(58.6801, 63.9553,
65.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD4CB
RGB	202, 212, 203
RGB Percent	79%, 83%, 80%
CMY	0.2078, 0.1686, 0.2039
CMYK	0.05, 0.00, 0.04, 0.17
HSL	126°, 10%, 81%
HSV	126°, 5%, 83%
XYZ	58.6801, 63.9553, 65.7518
YIQ	207.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

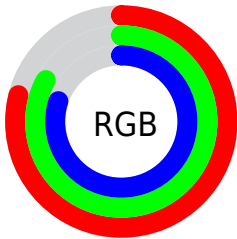
Format	Color
R _Y B	202, 211, 212
Decimal	13292747
CIE Lab	83.94, -5.04, 3.27
CIE LCh	84, 6.003, 147.044
Yxy	63.9553, 0.3115, 0.3395
Android (android.graphics.Color)	4291482827 (0xFFCAD4CB)
YUV	207.9840, -2.4571, -5.2480
Hunter-Lab	79.9721, -8.9754, 7.2331

Details

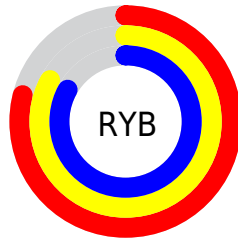
The XYZ color **58.6801, 63.9553, 65.7518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0321, 60.9429, 70.2302**, and the grayscale version is **59.9622, 63.0849, 68.6995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6945, 32.5798, 33.1572** is the 20% darker color. If you saturate the color by 10%, you get **51.1975, 60.3465, 54.2536**, and if you desaturate by 10%, it is **67.2342, 68.0878, 78.7637**.

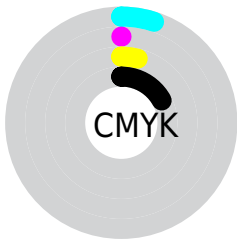
Distribution



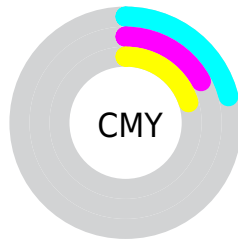
- Red (79%)
- Green (83%)
- Blue (80%)



- Red (79%)
- Yellow (83%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6801, 63.9553, 65.7518 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 58.6801, 63.9553, 65.7518 by changing the saturation by 10% instead.

■ 58.6801, 63.9553,
65.7518

■ 58.6801, 63.9553,
65.7518

409.6285,
439.0282, 463.8687

■ 42.6010, 46.6145,
47.6157

102.0299,
110.5466, 114.7536

■ 29.7654, 32.7310,
33.1649

130.0313,
140.5658, 146.4565

■ 19.8077, 21.9204,
21.9806

162.7375,
175.5799, 183.5187

■ 12.3628, 13.7985,
13.6445

200.5139,
215.9734, 226.3587

■ 7.0652, 7.9806,
7.7379

243.7259,
262.1305, 275.3952

■ 3.5496, 4.0825,
3.8423

292.7387,

■ 1.4506, 1.7198,

314.4358, 331.0467

1.5393

347.9178,
373.2735, 393.7317

■ 0.2919, 0.4365,
0.2469

■ 0.0000, 0.0000,
0.0000

■ 58.6801, 63.9553,
65.7518

■ 58.6801, 63.9553,
65.7518

■ 51.1975, 60.3465,
54.2536

■ 67.2342, 68.0878,
78.7637

■ 44.7391, 57.2327,
44.2101

■ 76.8943, 72.7552,
93.3372

■ 39.2619, 54.5947,
35.5647

■ 82.8347, 75.5694,
104.8282

■ 34.7175, 52.4091,
28.2553

■ 31.0539, 50.6503,
22.2153

■ 28.2136, 49.2903,
17.3723

■ 26.1323, 48.2977,
13.6467

■ 24.7362, 47.6363,
10.9490

■ 23.9363, 47.2623,
9.1764

Harmonies

Analogous

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



59.6395, 63.9553, 63.3533



58.6801, 63.9553, 65.7518



58.2849, 63.9553, 69.2618

Triad

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



58.6801, 63.9553, 65.7518



60.6566, 63.9553, 77.1605



63.0792, 63.9553, 66.3795

Complementary

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



58.6801, 63.9553, 65.7518



60.0321, 60.9429, 70.2302

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.



63.3609, 63.9553, 70.0125



58.6801, 63.9553, 65.7518



61.9504, 63.9553, 76.3219

Square

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



58.6801, 63.9553, 65.7518



59.4156, 63.9553, 75.9235



62.9450, 63.9553, 73.6712



62.1805, 63.9553, 63.7064

Rectangle

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



58.6801, 63.9553, 65.7518



58.3902, 63.9553, 71.7915



62.9450, 63.9553, 73.6712



63.2498, 63.9553, 67.5250

Sweetspot

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



58.6819, 63.9580, 65.7532



93.7507, 99.3726, 106.9219



61.1186, 65.2279, 65.2469



20.0802, 21.2764, 22.9065



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.



58.6819, 63.9580, 65.7532



87.5050, 96.3574, 97.3860



59.2673, 64.1922, 68.8359



12.7972, 14.1499, 14.2030



14.6364, 29.1099, 5.3811



0.9004, 1.7628, 0.4173

Inverse Universe

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



60.0321, 60.9429, 70.2302



90.1165, 90.5255, 106.0452



59.4348, 60.7040, 67.0850



13.2144, 13.2183, 15.5863



22.5753, 10.9664, 31.3971



1.3775, 0.6678, 1.9771

Previews

White Background



This preview shows how the XYZ color 58.6801, 63.9553, 65.7518 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 58.6801, 63.9553, 65.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

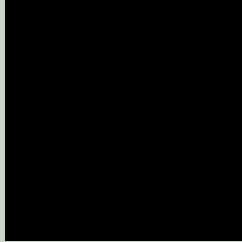
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

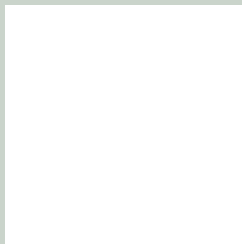
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6801, 63.9553, 65.7518

Background



This preview shows how black text looks on a background with the XYZ color 58.6801, 63.9553, 65.7518.

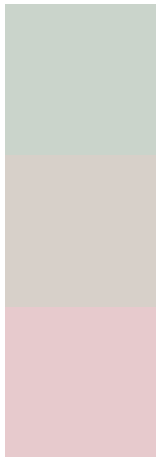


This preview shows how white text looks on a background with the XYZ color 58.6801, 63.9553,

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

58.6801, 63.9553, 65.7518

Protanopia

61.1228, 63.7759, 64.3468

Deuteranopia

65.0950, 63.6378, 66.6100



Tritanopia

61.8447, 64.1590, 80.3585

Trichromacy



Original Color

58.6801, 63.9553, 65.7518

Protanomaly

60.0395, 63.5668, 64.9823

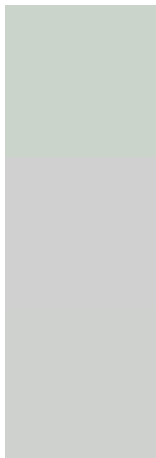
Deuteranomaly

62.4856, 63.7179, 66.1322

Tritanomaly

60.7478, 64.0821, 74.8130

Monochromacy



Original Color

58.6801, 63.9553, 65.7518

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3946, 63.1790, 67.4568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6801, 63.9553, 65.7518 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, 212, 203) looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.6801, 63.9553, 65.7518 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, 212, 203) }
```


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

```
.border{ border-color:rgb(202, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6801, 63.9553, 65.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 203) }
```

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

```
.background{ background-color: rgb(202,  
212, 203) }
```

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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