

Converting Colors

XYZ(59.3002, 63.3640, 66.6654)

Have a look what the booklet for
XYZ(59.3002, 63.3640, 66.6654)
contains.

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Color

**XYZ(59.5196, 63.6228,
66.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	CED2CD
RGB	206, 210, 205
RGB Percent	81%, 82%, 80%
CMY	0.1922, 0.1765, 0.1961
CMYK	0.02, 0.00, 0.02, 0.18
HSL	108°, 5%, 81%
HSV	108°, 2%, 82%
XYZ	59.5196, 63.6228, 66.9010
YIQ	208.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

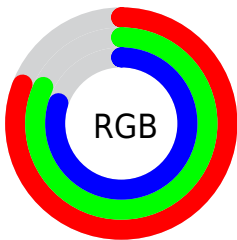
Format	Color
R_{YB}	205, 210, 209
Decimal	13554381
CIE Lab	83.77, -2.27, 1.99
CIE LCh	84, 3.016, 138.780
Yxy	63.6228, 0.3132, 0.3348
Android (android.graphics.Color)	4291744461 (0xFFCED2CD)
YUV	208.2340, -1.5944, -1.9592
Hunter-Lab	79.7639, -6.3906, 6.1060

Details

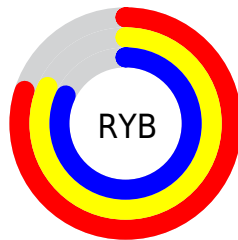
The XYZ color **59.5196, 63.6228, 66.9010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7612, 61.8729, 69.7690**, and the grayscale version is **60.1179, 63.2487, 68.8778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4233, 32.6867, 33.9838** is the 20% darker color. If you saturate the color by 10%, you get **52.7346, 60.4004, 54.2270**, and if you desaturate by 10%, it is **67.1473, 67.2440, 81.3933**.

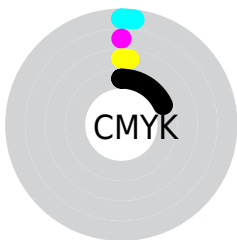
Distribution



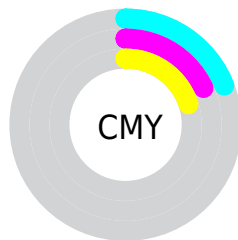
- Red (81%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (82%)



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



- Cyan (19%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5196, 63.6228, 66.9010 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 59.5196, 63.6228, 66.9010 by changing the saturation by 10% instead.

■ 59.5196, 63.6228,
66.9010

■ 59.5196, 63.6228,
66.9010

412.6879,
437.8262, 468.0842

■ 43.2795, 46.3452,
48.5431

103.2428,
110.0675, 116.4178

■ 30.3000, 32.5183,
33.8941

131.4566,
140.0035, 148.4139

■ 20.2156, 21.7577,
22.5356

164.3924,
174.9277, 185.7930

■ 12.6610, 13.6790,
14.0489

202.4154,
215.2245, 228.9738

■ 7.2709, 7.8977,
8.0155

245.8912,
261.2784, 278.3747

■ 3.6799, 4.0296,
4.0170

295.1849,

■ 1.5227, 1.6901,

313.4737, 334.4144

1.6347

350.6621,
372.1949, 397.5114

■ 0.3412, 0.4173,
0.3154

■ 0.0000, 0.0000,
0.0000

■ 59.5196, 63.6228,
66.9010

■ 59.5196, 63.6228,
66.9010

■ 52.7346, 60.4004,
54.2270

■ 67.1473, 67.2440,
81.3933

■ 46.7580, 57.5551,
43.2954

■ 75.6400, 71.2685,
97.7673

■ 41.5607, 55.0754,
34.0313

■ 82.3379, 74.5757,
104.6626

■ 37.1100, 52.9463,
26.3527

■ 33.3707, 51.1516,
20.1708

■ 30.3049, 49.6738,
15.3876

■ 27.8708, 48.4938,
11.8940

■ 26.0216, 47.5902,
9.5644

■ 24.7036, 46.9385,
8.2481

Harmonies

Analogous

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



60.0629, 63.6228, 65.8816



59.5196, 63.6228, 66.9010



59.2322, 63.6228, 68.5679

Triad

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



59.5196, 63.6228, 66.9010



60.2243, 63.6228, 72.9103



61.6841, 63.6228, 68.1080

Complementary

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



59.5196, 63.6228, 66.9010



59.7612, 61.8729, 69.7690

Split Complementary

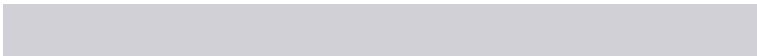
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7281, 63.6228, 69.9858



59.5196, 63.6228, 66.9010



60.8821, 63.6228, 72.7818

Square

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



59.5196, 63.6228, 66.9010



59.6371, 63.6228, 72.0515



61.4336, 63.6228, 71.7033



61.3138, 63.6228, 66.5696

Rectangle

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



59.5196, 63.6228, 66.9010



59.2229, 63.6228, 69.8321



61.4336, 63.6228, 71.7033



61.7377, 63.6228, 68.7197

Sweetspot

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



59.5214, 63.6255, 66.9024



93.8954, 99.4519, 106.7171



60.4010, 63.7133, 66.8730



20.1096, 21.2926, 22.8649



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.



59.5214, 63.6255, 66.9024



91.6261, 98.3744, 102.4381



59.4269, 63.5558, 67.8485



12.7136, 13.7174, 14.1278



14.7054, 28.4499, 4.7163



0.8881, 1.6247, 0.2668

Inverse Universe

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



59.7612, 61.8729, 69.7690



92.0979, 94.9271, 108.0764



59.8588, 61.9447, 68.8018



12.7951, 13.1218, 15.1020



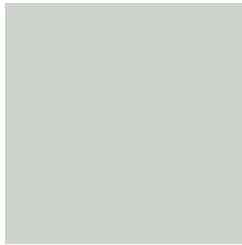
17.0356, 7.9625, 37.8315



1.0128, 0.4763, 2.1181

Previews

White Background



This preview shows how the XYZ color 59.5196, 63.6228, 66.9010 looks on a white background.

Color Contrast Check

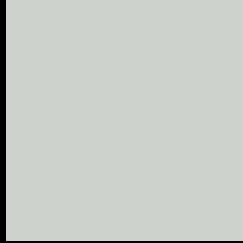
Large Text (above 18pt) WCAG AA × Fail

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 59.5196, 63.6228, 66.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

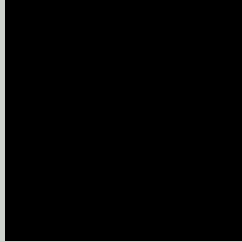
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

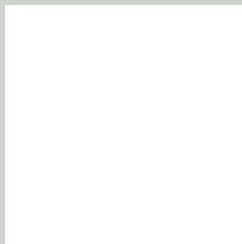
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5196, 63.6228, 66.9010

Background



This preview shows how black text looks on a background with the XYZ color 59.5196, 63.6228, 66.9010.

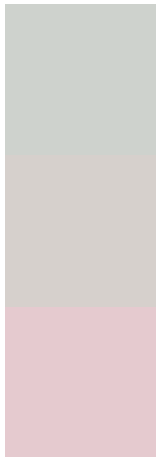


This preview shows how white text looks on a background with the XYZ color 59.5196, 63.6228,

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

59.5196, 63.6228, 66.9010

Protanopia

61.1865, 63.7675, 66.2102

Deuteranopia

64.6961, 63.4041, 67.8598



Tritanopia

62.0619, 63.5628, 79.5188

Trichromacy



Original Color

59.5196, 63.6228, 66.9010

Protanomaly

60.5635, 63.8094, 66.2512

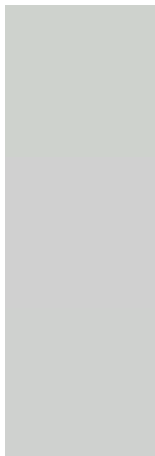
Deuteranomaly

62.7907, 63.4910, 67.3381

Tritanomaly

61.0927, 63.5314, 74.6885

Monochromacy



Original Color

59.5196, 63.6228, 66.9010

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7951, 63.3713, 68.1118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5196, 63.6228, 66.9010 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(206, 210, 205) looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 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(206, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.5196, 63.6228, 66.9010 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(206, 210, 205) }
```


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

```
.border{ border-color:rgb(206, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5196, 63.6228, 66.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 205) }
```

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

```
.background{ background-color: rgb(206,  
210, 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](#).

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