

Converting Colors

XYZ(59.0967, 63.2683, 66.8337)

Have a look what the booklet for
XYZ(59.0967, 63.2683, 66.8337)
contains.

XYZ(59.2429, 63.4801, 66.8881)	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(59.2429, 63.4801,
66.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD2CD
RGB	205, 210, 205
RGB Percent	80%, 82%, 80%
CMY	0.1961, 0.1765, 0.1961
CMYK	0.02, 0.00, 0.02, 0.18
HSL	120°, 5%, 81%
HSV	120°, 2%, 82%
XYZ	59.2429, 63.4801, 66.8881
YIQ	207.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

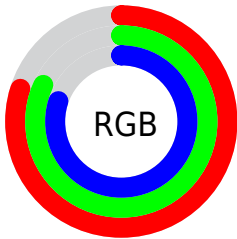
Format	Color
R _Y B	205, 210, 210
Decimal	13488845
CIE Lab	83.69, -2.61, 1.87
CIE LCh	84, 3.211, 144.393
Yxy	63.4801, 0.3124, 0.3348
Android (android.graphics.Color)	4291678925 (0xFFCDD2CD)
YUV	207.9350, -1.4470, -2.5740
Hunter-Lab	79.6744, -6.7043, 5.9971

Details

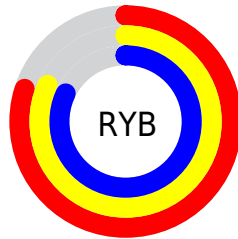
The XYZ color **59.2429, 63.4801, 66.8881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0449, 62.0191, 69.7821**, and the grayscale version is **59.9234, 63.0440, 68.6549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2369, 32.5906, 33.9751** is the 20% darker color. If you saturate the color by 10%, you get **51.4671, 59.7469, 54.1680**, and if you desaturate by 10%, it is **68.1401, 67.7558, 81.4394**.

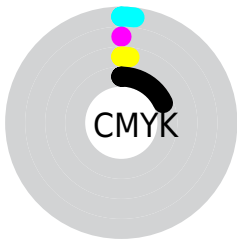
Distribution



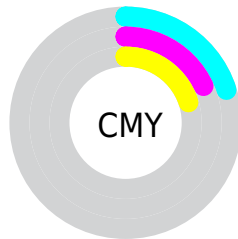
- Red (80%)
- Green (82%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2429, 63.4801, 66.8881 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 59.2429, 63.4801, 66.8881 by changing the saturation by 10% instead.

■ 59.2429, 63.4801,
66.8881

■ 59.2429, 63.4801,
66.8881

411.6811,
437.3098, 468.0370

■ 43.0558, 46.2297,
48.5327

102.8432,
109.8619, 116.3992

■ 30.1236, 32.4271,
33.8859

130.9872,
139.7620, 148.3919

■ 20.0810, 21.6880,
22.5293

163.8474,
174.6476, 185.7675

■ 12.5625, 13.6278,
14.0443

201.7894,
214.9029, 228.9445

■ 7.2029, 7.8623,
8.0124

245.1783,
260.9124, 278.3413

■ 3.6368, 4.0069,
4.0150

294.3797,

■ 1.4988, 1.6774,

313.0604, 334.3767

1.6336

349.7588,
371.7314, 397.4691

■ 0.3250, 0.4090,
0.3146

■ 0.0000, 0.0000,
0.0000

■ 59.2429, 63.4801,
66.8881

■ 59.2429, 63.4801,
66.8881

■ 51.4671, 59.7469,
54.1680

■ 68.1401, 67.7558,
81.4394

■ 44.7632, 56.5266,
43.2026

■ 78.1952, 72.5857,
97.8860

■ 39.0857, 53.7995,
33.9162

■ 82.3378, 74.5756,
104.6626

■ 34.3842, 51.5411,
26.2259

■ 30.6036, 49.7250,
20.0420

■ 27.6835, 48.3224,
15.2656

■ 25.5564, 47.3006,
11.7862

■ 24.1446, 46.6225,
9.4769

■ 23.3550, 46.2432,
8.1852

Harmonies

Analogous

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



59.7790, 63.4801, 65.6508



59.2429, 63.4801, 66.8881



58.9998, 63.4801, 68.7412

Triad

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



59.2429, 63.4801, 66.8881



60.2039, 63.4801, 73.0464



61.5762, 63.4801, 67.5315

Complementary

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



59.2429, 63.4801, 66.8881



60.0449, 62.0191, 69.7821

Split Complementary

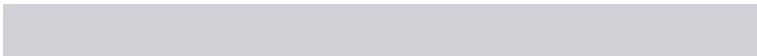
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6921, 63.4801, 69.4982



59.2429, 63.4801, 66.8881



60.8963, 63.4801, 72.7073

Square

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



59.2429, 63.4801, 66.8881



59.5518, 63.4801, 72.3166



61.4423, 63.4801, 71.3990



61.1269, 63.4801, 66.0172

Rectangle

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



59.2429, 63.4801, 66.8881



59.0352, 63.4801, 70.0864



61.4423, 63.4801, 71.3990



61.6556, 63.4801, 68.1606

Sweetspot

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



59.2447, 63.4828, 66.8895



93.7102, 99.3564, 106.7085



60.6472, 64.2058, 66.9550



20.0720, 21.2731, 22.8631



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.



59.2447, 63.4828, 66.8895



91.0839, 98.0949, 102.4129



59.5492, 63.6046, 68.4929



12.6203, 13.6693, 14.1235



14.0581, 28.1162, 4.6862



0.7860, 1.5721, 0.2620

Inverse Universe

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



60.0449, 62.0191, 69.7821



92.6579, 95.2158, 108.1025



59.7355, 61.8953, 68.1531



12.8922, 13.1719, 15.1066



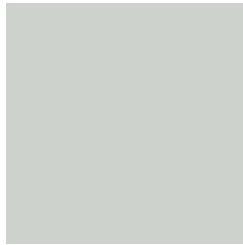
23.3079, 11.1960, 38.1230



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 59.2429, 63.4801, 66.8881 looks on a white background.

Color Contrast Check

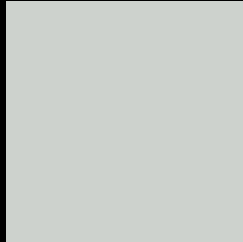
Large Text (above 18pt) WCAG AA × Fail

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 59.2429, 63.4801, 66.8881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

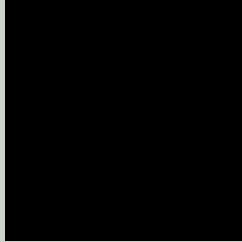
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

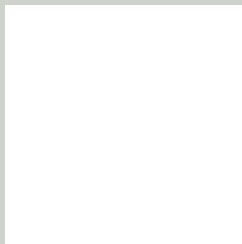
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2429, 63.4801, 66.8881

Background



This preview shows how black text looks on a background with the XYZ color 59.2429, 63.4801, 66.8881.



This preview shows how white text looks on a background with the XYZ color 59.2429, 63.4801,

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

59.2429, 63.4801, 66.8881

Protanopia

60.8955, 63.6175, 66.1966

Deuteranopia

64.6961, 63.4041, 67.8598



Tritanopia

61.7798, 63.4174, 79.5056

Trichromacy



Original Color

59.2429, 63.4801, 66.8881

Protanomaly

60.2779, 63.6622, 66.2378

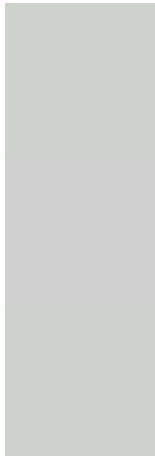
Deuteranomaly

62.4871, 63.3345, 67.3239

Tritanomaly

60.8124, 63.3869, 74.6754

Monochromacy



Original Color

59.2429, 63.4801, 66.8881

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 59.2429, 63.4801, 66.8881 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(205, 210, 205) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 59.2429, 63.4801, 66.8881 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(205, 210, 205) }
```


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

```
.border{ border-color:rgb(205, 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(205, 210, 205)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 59.2429, 63.4801, 66.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(205,  
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](#).

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