

Converting Colors

XYZ(58.9238, 66.4129, 59.3192)

Have a look what the booklet for
XYZ(58.9238, 66.4129, 59.3192)
contains.

XYZ(58.9430, 66.5051, 59.5993)	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(58.9430, 66.5051,
59.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	CADAC0
RGB	202, 218, 192
RGB Percent	79%, 85%, 75%
CMY	0.2078, 0.1451, 0.2471
CMYK	0.07, 0.00, 0.12, 0.15
HSL	97°, 26%, 80%
HSV	97°, 12%, 85%
XYZ	58.9430, 66.5051, 59.5993
YIQ	210.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

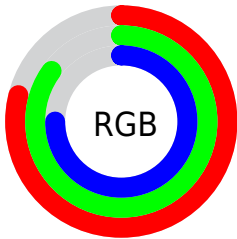
Format	Color
RYB	192, 218, 208
Decimal	13294272
CIELab	85.25, -10.05, 10.97
CIELCh	85, 14.881, 132.496
Yxy	66.5051, 0.3185, 0.3594
Android (android.graphics.Color)	4291484352 (0xFFCADAC0)
YUV	210.2520, -8.9982, -7.2370
Hunter-Lab	81.5507, -13.6978, 13.7548

Details

The XYZ color **58.9430, 66.5051, 59.5993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5194, 56.1729, 74.1439**, and the grayscale version is **61.4835, 64.6854, 70.4424**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.9701, 34.3544, 29.4776** is the 20% darker color. If you saturate the color by 10%, you get **53.2308, 63.8210, 47.6432**, and if you desaturate by 10%, it is **65.3324, 69.5008, 73.4576**.

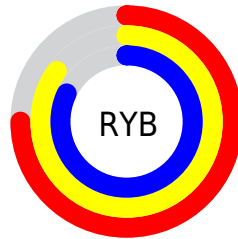
Distribution



Red (79%)

Green (85%)

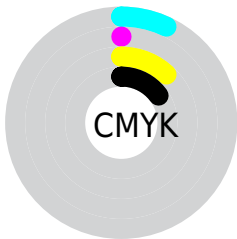
Blue (75%)



Red (75%)

Yellow (85%)

Blue (82%)

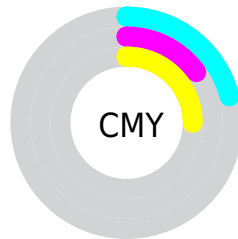


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (21%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9430, 66.5051, 59.5993 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 58.9430, 66.5051, 59.5993 by changing the saturation by 10% instead.


 58.9430, 66.5051,
59.5993

 58.9430, 66.5051,
59.5993


410.5881,
448.1811, 440.8828

 42.8134, 48.6825,
42.6726


 102.4099,
114.2110, 105.7859

 29.9326, 34.3677,
29.2988


130.4780,
144.8631, 135.8827

 19.9353, 23.1762,
19.0594


163.2562,
180.5605, 171.2068

 12.4560, 14.7237,
11.5360

201.1101,
221.6877, 212.1765

 7.1294, 8.6257,
6.3099

244.4048,
268.6289, 259.2104

 3.5902, 4.4979,
2.9626

293.5058,

 1.4730, 1.9558,

321.7686, 312.7270

1.0756

348.7785,
381.4912, 373.1450

■ 0.3074, 0.5816,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9430, 66.5051,
59.5993

■ 58.9430, 66.5051,
59.5993

■ 53.2308, 63.8210,
47.6432

■ 65.3324, 69.5008,
73.4576

■ 48.1666, 61.4296,
37.5020

■ 72.4159, 72.8094,
89.2914

■ 43.7271, 59.3226,
29.0881

■ 79.8273, 76.2873,
105.1253

■ 39.8854, 57.4882,
22.3048

■ 84.3627, 78.6254,
105.3376

■ 36.6123, 55.9139,
17.0462

■ 33.8757, 54.5856,
13.1936

■ 31.6400, 53.4879,
10.6108

■ 29.8633, 52.6028,
9.1346

■ 28.7141, 52.0226,
8.5280

Harmonies

Analogous

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



61.8224, 66.5051, 55.7965



58.9430, 66.5051, 59.5993



57.2430, 66.5051, 66.9847

Triad

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



58.9430, 66.5051, 59.5993



61.2862, 66.5051, 91.5476



69.7363, 66.5051, 68.4795

Complementary

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



58.9430, 66.5051, 59.5993



57.5194, 56.1729, 74.1439

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.



69.5803, 66.5051, 78.1264



58.9430, 66.5051, 59.5993



64.6205, 66.5051, 92.0382

Square

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



58.9430, 66.5051, 59.5993



58.5625, 66.5051, 85.6564



67.6804, 66.5051, 86.9425



68.0994, 66.5051, 60.6098

Rectangle

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



58.9430, 66.5051, 59.5993



56.9689, 66.5051, 73.2222



67.6804, 66.5051, 86.9425



69.8934, 66.5051, 71.6093

Sweetspot

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



58.9448, 66.5080, 59.6007



91.1790, 98.1891, 100.3730



60.8889, 63.6307, 58.9429



19.3641, 20.9454, 21.1516



0.0000, 0.0000, 0.0000



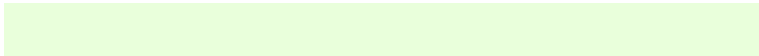
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9448, 66.5080, 59.6007



82.1994, 93.9788, 81.0324



56.6167, 65.2742, 61.0093



13.3576, 14.8491, 13.8877



17.3134, 31.2229, 5.1141



1.2161, 2.0714, 0.3357

Inverse Universe

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



57.5194, 56.1729, 74.1439



79.8282, 76.7883, 105.2220



60.0827, 57.5333, 72.5012



13.1042, 13.0119, 16.4730



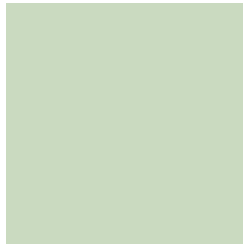
13.6111, 6.1410, 40.2063



0.9769, 0.4469, 2.6092

Previews

White Background



This preview shows how the XYZ color 58.9430, 66.5051, 59.5993 looks on a white background.

Color Contrast Check

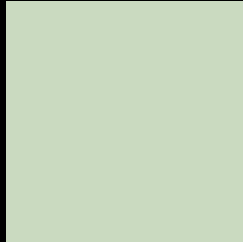
Large Text (above 18pt) WCAG AA × Fail

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 58.9430, 66.5051, 59.5993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

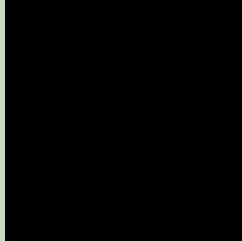
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

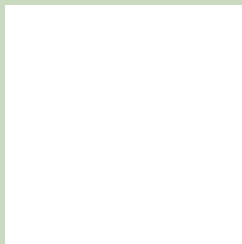
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9430, 66.5051, 59.5993

Background



This preview shows how black text looks on a background with the XYZ color 58.9430, 66.5051, 59.5993.

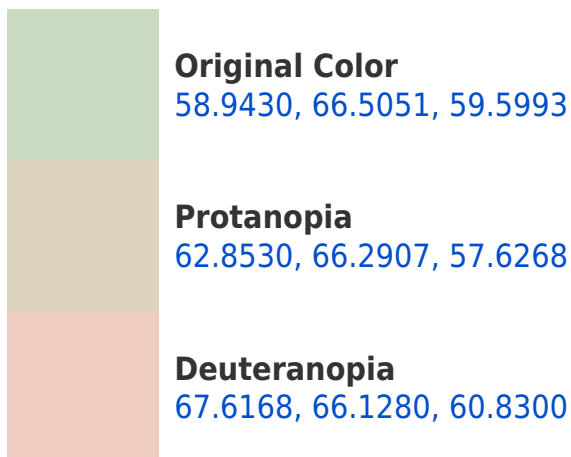


This preview shows how white text looks on a background with the XYZ color 58.9430, 66.5051,

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

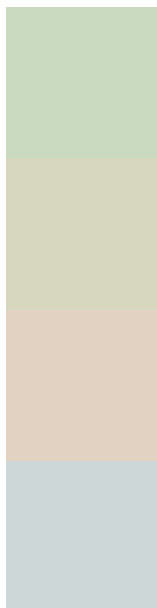




Tritanopia

63.9495, 66.6555, 83.6240

Trichromacy



Original Color

58.9430, 66.5051, 59.5993

Protanomaly

61.3652, 66.2579, 58.2700

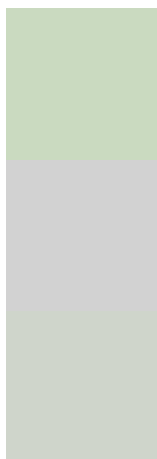
Deuteranomaly

64.1482, 66.1570, 60.4275

Tritanomaly

62.1487, 66.6806, 74.5608

Monochromacy



Original Color

58.9430, 66.5051, 59.5993

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3059, 65.1657, 65.8997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9430, 66.5051, 59.5993 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, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 218, 192)  
}
```

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, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 218, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.9430, 66.5051, 59.5993 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, 218, 192) }
```


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

```
.border{ border-color:rgb(202, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 218,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9430, 66.5051, 59.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 218, 192) }
```

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

```
.background{ background-color: rgb(202,  
218, 192) }
```

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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