

Converting Colors

XYZ(59.3463, 64.9989, 59.0015)

Have a look what the booklet for
XYZ(59.3463, 64.9989, 59.0015)
contains.

XYZ(59.3211, 64.8042, 59.2511)	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(59.3211, 64.8042,
59.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D5C0
RGB	208, 213, 192
RGB Percent	82%, 84%, 75%
CMY	0.1843, 0.1647, 0.2471
CMYK	0.02, 0.00, 0.10, 0.16
HSL	74°, 20%, 79%
HSV	74°, 10%, 84%
XYZ	59.3211, 64.8042, 59.2511
YIQ	209.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

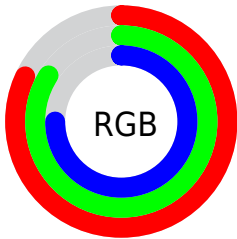
Format	Color
RYB	192, 213, 197
Decimal	13686208
CIELab	84.38, -5.39, 9.79
CIELCh	84, 11.176, 118.835
Yxy	64.8042, 0.3235, 0.3534
Android (android.graphics.Color)	4291876288 (0xFFD0D5C0)
YUV	209.1110, -8.4357, -0.9743
Hunter-Lab	80.5011, -9.3405, 12.7116

Details

The XYZ color **59.3211, 64.8042, 59.2511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8884, 54.3755, 70.6096**, and the grayscale version is **60.7299, 63.8926, 69.5790**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **30.2135, 33.1878, 29.2396** is the 20% darker color. If you saturate the color by 10%, you get **55.7262, 63.2061, 47.6418**, and if you desaturate by 10%, it is **63.3068, 66.5681, 72.6644**.

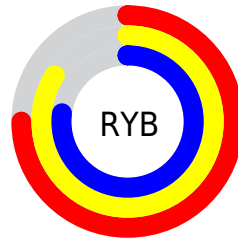
Distribution



Red (82%)

Green (84%)

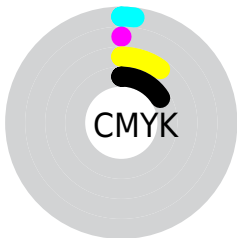
Blue (75%)



Red (75%)

Yellow (84%)

Blue (77%)

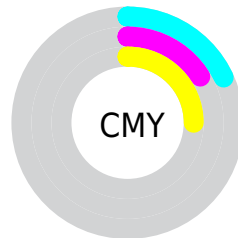


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3211, 64.8042, 59.2511 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 59.3211, 64.8042, 59.2511 by changing the saturation by 10% instead.

■ 59.3211, 64.8042,
59.2511

■ 59.3211, 64.8042,
59.2511

411.9658,
442.0880, 439.5596

■ 43.1190, 47.3023,
42.3939

■ 102.9562,
111.7683, 105.2752

■ 30.1734, 33.2747,
29.0820

131.1199,
141.9993, 135.2793

■ 20.1190, 22.3370,
18.8968

164.0015,
177.2422, 170.5027

■ 12.5903, 14.1047,
11.4196

201.9664,
217.8813, 211.3641

■ 7.2221, 8.1935,
6.2321

245.3799,
264.3011, 258.2819

■ 3.6490, 4.2190,
2.9157

294.6074,

■ 1.5055, 1.7968,

316.8858, 311.6748

1.0517

350.0142,
376.0200, 371.9611

■ 0.3296, 0.4852,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3211, 64.8042,
59.2511

■ 59.3211, 64.8042,
59.2511

■ 55.7262, 63.2061,
47.6418

■ 63.3068, 66.5681,
72.6644

■ 52.5018, 61.7594,
37.7554

■ 67.6923, 68.4951,
87.9498

■ 49.6336, 60.4603,
29.5107

■ 72.3467, 70.5351,
104.4093

■ 47.1042, 59.3018,
22.8184

■ 73.9361, 71.3544,
104.4837

44.8946, 58.2764,
17.5809

75.5728, 72.1982,
104.5603

42.9837, 57.3755,
13.6892

77.2572, 73.0665,
104.6391

41.3475, 56.5894,
11.0193

78.9897, 73.9596,
104.7202

39.9576, 55.9067,
9.4239

80.7706, 74.8777,
104.8035

38.7636, 55.3073,
8.6408

82.6004, 75.8210,
104.8892

Harmonies

Analogous

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



61.6915, 64.8042, 57.7578



59.3211, 64.8042, 59.2511



57.6000, 64.8042, 63.7208

Triad

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



59.3211, 64.8042, 59.2511



59.1574, 64.8042, 82.9153



66.4906, 64.8042, 70.8390

Complementary

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



59.3211, 64.8042, 59.2511



53.8884, 54.3755, 70.6096

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.



65.7694, 64.8042, 77.8735



59.3211, 64.8042, 59.2511



61.4975, 64.8042, 85.1283

Square

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



59.3211, 64.8042, 59.2511



57.5073, 64.8042, 77.3607



63.9251, 64.8042, 83.2251



65.8708, 64.8042, 64.1715

Rectangle

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



59.3211, 64.8042, 59.2511



57.0296, 64.8042, 67.9470



63.9251, 64.8042, 83.2251



66.3966, 64.8042, 73.2407

Sweetspot

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



59.3229, 64.8070, 59.2525



93.1752, 99.1730, 102.5106



56.9008, 57.8410, 58.0356



19.8381, 21.1806, 21.5853



0.0000, 0.0000, 0.0000



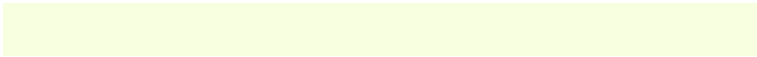
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3229, 64.8070, 59.2525



87.8772, 96.8269, 84.8636



56.4943, 63.3488, 59.1201



13.1702, 14.3640, 13.2391



23.7625, 33.8263, 5.2767



1.5045, 2.0770, 0.3216

Inverse Universe

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



53.8884, 54.3755, 70.6096



77.9917, 77.8507, 105.5238



56.7061, 55.8281, 70.7414



12.0169, 12.1501, 15.6494



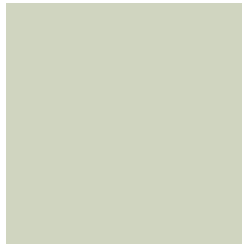
8.2392, 3.4000, 38.6752



0.5718, 0.2437, 2.3362

Previews

White Background



This preview shows how the XYZ color 59.3211, 64.8042, 59.2511 looks on a white background.

Color Contrast Check

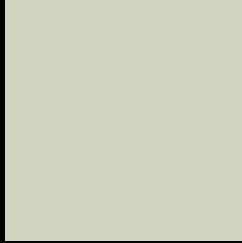
Large Text (above 18pt) WCAG AA × Fail

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 59.3211, 64.8042, 59.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

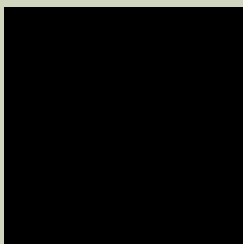
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

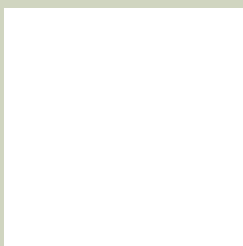
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3211, 64.8042, 59.2511

Background



This preview shows how black text looks on a background with the XYZ color 59.3211, 64.8042, 59.2511.



This preview shows how white text looks on a background with the XYZ color 59.3211, 64.8042,

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

59.3211, 64.8042, 59.2511

Protanopia

61.5543, 64.8710, 57.9923

Deuteranopia

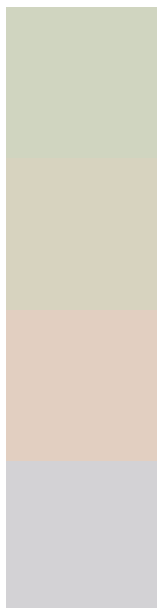
66.0186, 64.6114, 60.0306



Tritanopia

63.5871, 64.6941, 80.3700

Trichromacy



Original Color

59.3211, 64.8042, 59.2511

Protanomaly

60.7226, 64.7972, 58.5969

Deuteranomaly

63.3025, 64.6447, 59.5933

Tritanomaly

61.9208, 64.7462, 72.1845

Monochromacy



Original Color

59.3211, 64.8042, 59.2511

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1206, 63.9603, 65.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3211, 64.8042, 59.2511 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(208, 213, 192) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 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(208, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.3211, 64.8042, 59.2511 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(208, 213, 192) }
```


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

```
.border{ border-color:rgb(208, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 213, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 213, 192); box-shadow:4px 4px 4px 4px rgb(208, 213, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3211, 64.8042, 59.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 192) }
```

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

```
.background{ background-color: rgb(208,  
213, 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](#).

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