

Converting Colors

XYZ(57.3590, 64.9233, 59.3775)

Have a look what the booklet for
XYZ(57.3590, 64.9233, 59.3775)
contains.

XYZ(57.3590, 64.9233, 59.3775)	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(57.3590, 64.9233,
59.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D8C0
RGB	198, 216, 192
RGB Percent	78%, 85%, 75%
CMY	0.2235, 0.1529, 0.2471
CMYK	0.08, 0.00, 0.11, 0.15
HSL	105°, 24%, 80%
HSV	105°, 11%, 85%
XYZ	57.3590, 64.9233, 59.3775
YIQ	207.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

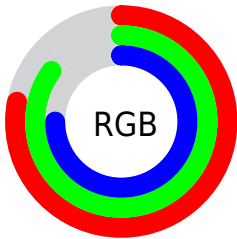
Format	Color
RYB	192, 216, 210
Decimal	13031616
CIELab	84.44, -10.42, 9.78
CIELCh	84, 14.290, 136.811
Yxy	64.9233, 0.3157, 0.3574
Android (android.graphics.Color)	4291221696 (0xFFC6D8C0)
YUV	207.8820, -7.8298, -8.6665
Hunter-Lab	80.5750, -13.9373, 12.7104

Details

The XYZ color **57.3590, 64.9233, 59.3775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8253, 56.3606, 72.8001**, and the grayscale version is **59.9298, 63.0508, 68.6624**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **28.9067, 33.2831, 29.3268** is the 20% darker color. If you saturate the color by 10%, you get **51.0949, 61.9525, 47.4945**, and if you desaturate by 10%, it is **64.4348, 68.2757, 73.1348**.

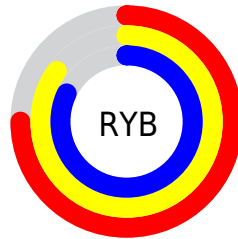
Distribution



Red (78%)

Green (85%)

Blue (75%)



Red (75%)

Yellow (85%)

Blue (82%)

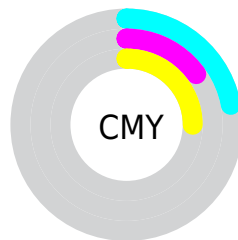


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3590, 64.9233, 59.3775 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 57.3590, 64.9233, 59.3775 by changing the saturation by 10% instead.

■ 57.3590, 64.9233,
59.3775

■ 57.3590, 64.9233,
59.3775

404.7856,
442.5163, 440.0402

■ 41.5348, 47.3989,
42.4951

■ 100.1172,
111.9396, 105.4606

■ 28.9267, 33.3511,
29.1607

127.7818,
142.2002, 135.4984

■ 19.1694, 22.3955,
18.9558

160.1241,
177.4751, 170.7584

■ 11.8975, 14.1478,
11.4618

197.5092,
218.1486, 211.6591

■ 6.7456, 8.2236,
6.2603

240.3025,
264.6050, 258.6191

■ 3.3484, 4.2383,
2.9327


288.8695,

■ 1.3406, 1.8078,


317.2289, 312.0569


1.0604


343.5754,
376.4045, 372.3911


 0.2133, 0.4920,
0.0000


 0.0000, 0.0000,
0.0000


 57.3590, 64.9233,
59.3775


 57.3590, 64.9233,
59.3775

 51.0949, 61.9525,
47.4945


 64.4348, 68.2757,
73.1348

 45.6078, 59.3415,
37.4007

 72.3450, 72.0142,
88.8380

 40.8678, 57.0787,
29.0105

 80.8262, 76.0369,
105.0243

 36.8415, 55.1490,
22.2298

 83.8472, 77.5943,
105.1657

■ 33.4925, 53.5358,
16.9555

■ 30.7811, 52.2212,
13.0724

■ 28.6630, 51.1851,
10.4484

■ 27.0874, 50.4050,
8.9265

■ 26.0779, 49.8983,
8.2569

Harmonies

Analogous

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



59.9573, 64.9233, 55.2274



57.3590, 64.9233, 59.3775



55.9477, 64.9233, 66.7725

Triad

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



57.3590, 64.9233, 59.3775



60.3240, 64.9233, 89.1336



67.7435, 64.9233, 65.7491

Complementary

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



57.3590, 64.9233, 59.3775



57.8253, 56.3606, 72.8001

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.



67.8500, 64.9233, 74.7587



57.3590, 64.9233, 59.3775



63.4918, 64.9233, 88.7999

Square

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



57.3590, 64.9233, 59.3775



57.6195, 64.9233, 84.2322



66.2707, 64.9233, 83.3561



65.9847, 64.9233, 58.6839

Rectangle

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



57.3590, 64.9233, 59.3775



55.8372, 64.9233, 72.7862



66.2707, 64.9233, 83.3561



67.9758, 64.9233, 68.6353

Sweetspot

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



57.3608, 64.9261, 59.3789



91.7630, 98.4450, 102.4445



60.8827, 64.5008, 59.1112



19.4570, 20.9842, 21.5674



0.0000, 0.0000, 0.0000



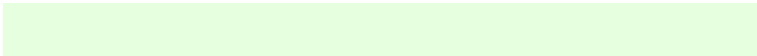
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3608, 64.9261, 59.3789



81.6014, 93.6313, 82.7737



56.4892, 64.3984, 62.8804



12.5504, 14.0444, 13.2101



15.5184, 29.5764, 4.8909



1.0125, 1.8233, 0.2986

Inverse Universe

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



57.8253, 56.3606, 72.8001



82.3886, 79.1052, 105.5342



58.8038, 56.9531, 68.8693



12.6358, 12.4692, 15.6783



16.2607, 7.5352, 39.0506



1.0543, 0.4924, 2.3588

Previews

White Background



This preview shows how the XYZ color 57.3590, 64.9233, 59.3775 looks on a white background.

Color Contrast Check

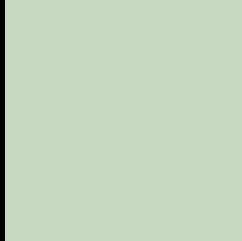
Large Text (above 18pt) WCAG AA × Fail

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 57.3590, 64.9233, 59.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

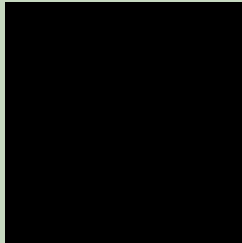
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

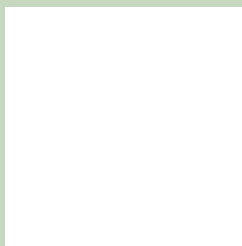
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3590, 64.9233, 59.3775

Background



This preview shows how black text looks on a background with the XYZ color 57.3590, 64.9233, 59.3775.



This preview shows how white text looks on a background with the XYZ color 57.3590, 64.9233,

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

57.3590, 64.9233, 59.3775

Protanopia

61.4453, 64.8274, 57.4185

Deuteranopia

66.1313, 64.6565, 60.6242



Tritanopia

62.1997, 65.0273, 82.6720

Trichromacy



Original Color

57.3590, 64.9233, 59.3775

Protanomaly

59.7017, 64.6536, 58.0480

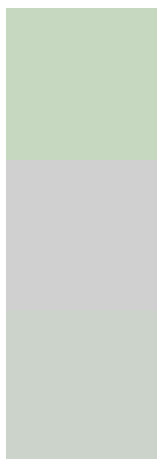
Deuteranomaly

62.7249, 64.6948, 60.2203

Tritanomaly

60.4171, 65.0514, 73.6618

Monochromacy



Original Color

57.3590, 64.9233, 59.3775

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.8568, 63.6902, 65.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3590, 64.9233, 59.3775 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(198, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 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(198, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 57.3590, 64.9233, 59.3775 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(198, 216, 192) }
```


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

```
.border{ border-color:rgb(198, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3590, 64.9233, 59.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 192) }
```

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

```
.background{ background-color: rgb(198,  
216, 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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