

Converting Colors

XYZ(59.1894, 63.8481, 59.0740)

Have a look what the booklet for
XYZ(59.1894, 63.8481, 59.0740)
contains.

XYZ(59.3870, 64.0959, 59.1109)	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(59.3870, 64.0959,
59.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3C0
RGB	210, 211, 192
RGB Percent	82%, 83%, 75%
CMY	0.1765, 0.1725, 0.2471
CMYK	0.00, 0.00, 0.09, 0.17
HSL	63°, 18%, 79%
HSV	63°, 9%, 83%
XYZ	59.3870, 64.0959, 59.1109
YIQ	208.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

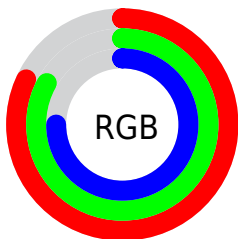
Format	Color
RYB	192, 211, 193
Decimal	13816768
CIELab	84.02, -3.65, 9.29
CIELCh	84, 9.978, 111.456
Yxy	64.0959, 0.3252, 0.3510
Android (android.graphics.Color)	4292006848 (0xFFD2D3C0)
YUV	208.5350, -8.1518, 1.2848
Hunter-Lab	80.0599, -7.6968, 12.2662

Details

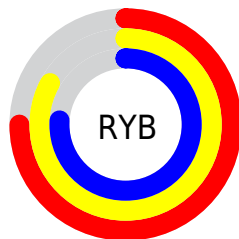
The XYZ color **59.3870, 64.0959, 59.1109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6023, 53.7416, 69.2321**, and the grayscale version is **60.3518, 63.4948, 69.1458**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **30.2347, 32.9466, 29.1919** is the 20% darker color. If you saturate the color by 10%, you get **56.8990, 63.0663, 47.6528**, and if you desaturate by 10%, it is **62.2160, 65.2664, 72.3373**.

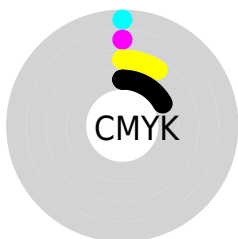
Distribution



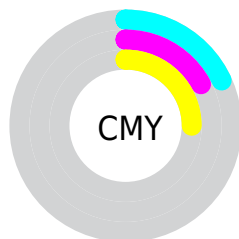
- Red (82%)
- Green (83%)
- Blue (75%)



- Red (75%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3870, 64.0959, 59.1109 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 59.3870, 64.0959, 59.1109 by changing the saturation by 10% instead.

■ 59.3870, 64.0959,
59.1109

■ 59.3870, 64.0959,
59.1109

412.2056,
439.5359, 439.0261

■ 43.1723, 46.7284,
42.2818

■ 103.0513,
110.7490, 105.0695

■ 30.2154, 32.8210,
28.9948

131.2317,
140.8034, 135.0362

■ 20.1511, 21.9893,
18.8313

164.1313,
175.8555, 170.2190

■ 12.6138, 13.8491,
11.3729

202.1155,
216.2898, 211.0367

■ 7.2383, 8.0158,
6.2009

245.5497,
262.4905, 257.9077

■ 3.6592, 4.1050,
2.8969

294.7992,

■ 1.5112, 1.7325,

314.8422, 311.2506

1.0422

350.2294,
373.7292, 371.4838

■ 0.3334, 0.4446,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3870, 64.0959,
59.1109

■ 59.3870, 64.0959,
59.1109

■ 56.8990, 63.0663,
47.6528

■ 62.2160, 65.2664,
72.3373

■ 54.7326, 62.1634,
37.8841

■ 65.3940, 66.5747,
87.3982

■ 52.8741, 61.3840,
29.7260

■ 68.8866, 68.0090,
104.1041

■ 51.3073, 60.7215,
23.0921

■ 69.2119, 68.1767,
104.1193

■ 50.0141, 60.1687,
17.8876

■ 69.5393, 68.3455,
104.1346

■ 48.9746, 59.7176,
14.0072

■ 69.8691, 68.5155,
104.1501

■ 48.1659, 59.3591,
11.3312

■ 70.2010, 68.6866,
104.1656

■ 47.5613, 59.0824,
9.7183

■ 70.5352, 68.8589,
104.1812

■ 47.1173, 58.8703,
8.9400

■ 70.8717, 69.0324,
104.1970

Harmonies

Analogous

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



61.5518, 64.0959, 58.4819



59.3870, 64.0959, 59.1109



57.6723, 64.0959, 62.5097

Triad

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



59.3870, 64.0959, 59.1109



58.3233, 64.0959, 79.6999



65.2008, 64.0959, 71.6049

Complementary

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



59.3870, 64.0959, 59.1109



52.6023, 53.7416, 69.2321

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.



64.2899, 64.0959, 77.6137



59.3870, 64.0959, 59.1109



60.2949, 64.0959, 82.4681

Square

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



59.3870, 64.0959, 59.1109



57.0685, 64.0959, 74.3153



62.4817, 64.0959, 81.6825



64.9435, 64.0959, 65.4513

Rectangle

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



59.3870, 64.0959, 59.1109



56.9982, 64.0959, 66.0072



62.4817, 64.0959, 81.6825



65.0203, 64.0959, 73.7137

Sweetspot

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



59.3888, 64.0987, 59.1123



93.6940, 99.4404, 102.5349



55.4394, 55.7741, 57.7136



19.9786, 21.2530, 21.5918



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.



59.3888, 64.0987, 59.1123



90.3150, 98.0432, 86.8010



56.7776, 62.7526, 58.9901



12.7391, 13.7645, 12.5974



28.4369, 35.5287, 5.3589



1.6093, 1.9965, 0.3005

Inverse Universe

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



52.6023, 53.7416, 69.2321



77.6376, 78.6956, 105.7056



55.0885, 55.0233, 69.3485



11.2207, 11.4471, 14.8618



7.2072, 2.8957, 37.3716



0.4237, 0.1726, 2.0906

Previews

White Background



This preview shows how the XYZ color 59.3870, 64.0959, 59.1109 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 59.3870, 64.0959, 59.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

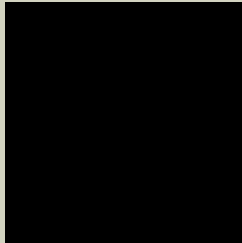
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

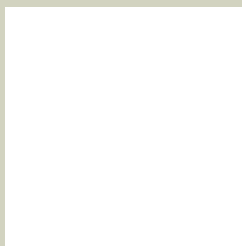
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3870, 64.0959, 59.1109

Background



This preview shows how black text looks on a background with the XYZ color 59.3870, 64.0959, 59.1109.



This preview shows how white text looks on a background with the XYZ color 59.3870, 64.0959,

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

59.3870, 64.0959, 59.1109

Protanopia

61.1179, 64.2679, 58.4739

Deuteranopia

65.1191, 63.7983, 59.9211



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

59.3870, 64.0959, 59.1109

Protanomaly

60.4749, 64.3018, 58.5143

Deuteranomaly

62.8210, 63.6816, 59.4328

Tritanomaly

61.8801, 64.0114, 71.3813

Monochromacy



Original Color

59.3870, 64.0959, 59.1109

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 59.3870, 64.0959, 59.1109 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(210, 211, 192) looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.3870, 64.0959, 59.1109 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(210, 211, 192) }
```


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

```
.border{ border-color:rgb(210, 211, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3870, 64.0959, 59.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 192) }
```

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

```
.background{ background-color: rgb(210,  
211, 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