

Converting Colors

XYZ(49.1339, 52.0334, 62.5588)

Have a look what the booklet for
XYZ(49.1339, 52.0334, 62.5588)
contains.

XYZ(49.1594, 52.1067, 62.7250)	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(49.1594, 52.1067,
62.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C0C9
RGB	184, 192, 201
RGB Percent	72%, 75%, 79%
CMY	0.2784, 0.2470, 0.2118
CMYK	0.08, 0.04, 0.00, 0.21
HSL	212°, 14%, 75%
HSV	212°, 8%, 79%
XYZ	49.1594, 52.1067, 62.7250
YIQ	190.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

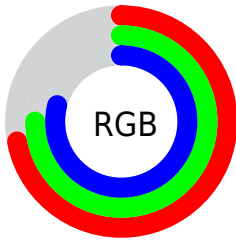
Format	Color
RYB	184, 189, 201
Decimal	12107977
CIELab	77.34, -0.99, -5.48
CIELCh	77, 5.565, 259.702
Yxy	52.1067, 0.2998, 0.3177
Android (android.graphics.Color)	4290298057 (0xFFB8C0C9)
YUV	190.6340, 5.1104, -5.8180
Hunter-Lab	72.1850, -4.7617, -0.9905

Details

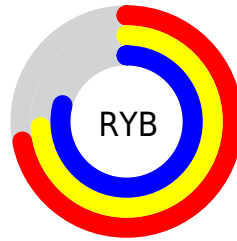
The XYZ color **49.1594, 52.1067, 62.7250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8092, 54.0176, 53.0440**, and the grayscale version is **49.2852, 51.8518, 56.4667**.

A 20% lighter version of the original color is **87.5526, 92.8801, 107.9209**, and **23.8592, 25.3971, 31.2484** is the 20% darker color. If you saturate the color by 10%, you get **42.4308, 45.2963, 61.7659**, and if you desaturate by 10%, it is **56.7440, 59.6118, 63.7747**.

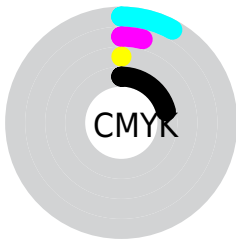
Distribution



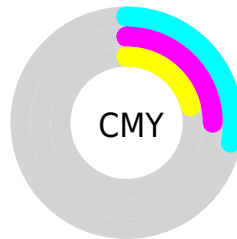
- Red (72%)
- Green (75%)
- Blue (79%)



- Red (72%)
- Yellow (74%)
- Blue (79%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1594, 52.1067, 62.7250 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 49.1594, 52.1067, 62.7250 by changing the saturation by 10% instead.

■ 49.1594, 52.1067,
62.7250

■ 49.1594, 52.1067,
62.7250

373.8761,
394.8484, 452.6512

■ 34.9610, 37.0901,
45.1792

■ 88.1274, 93.2886,
110.3544

■ 23.7992, 25.2773,
31.2546

113.6278,
120.2227, 141.2751

■ 15.3087, 16.2838,
20.5327

143.6262,
151.8981, 177.4912

■ 9.1240, 9.7252,
12.5950

178.4880,
188.6992, 219.4212

■ 4.8799, 5.2171,
7.0228

218.5785,
231.0104, 267.4837

■ 2.2110, 2.3752,
3.3977

264.2631,

■ 0.7485, 0.8131,

279.2160, 322.0971

1.3011

315.9072,
333.7006, 383.6801

■ 0.0000, 0.0000,
0.0627

■ 0.0000, 0.0000,
0.0000

■ 49.1594, 52.1067,
62.7250

■ 49.1594, 52.1067,
62.7250

■ 42.4308, 45.2963,
61.7659

■ 56.7440, 59.6118,
63.7747

■ 36.5215, 39.1522,
60.8914

■ 65.2105, 67.8260,
64.9139

■ 31.3985, 33.6534,
60.1001

■ 74.5892, 76.7711,
66.1462

■ 27.0249, 28.7753,
59.3890

■ 81.3638, 84.6391,
67.3078

■ 23.3605, 24.4912,
58.7552

■ 84.4934, 90.8983,
68.3510

■ 20.3609, 20.7722,
58.1955

■ 87.5428, 96.9971,
69.3675

■ 17.9763, 17.5864,
57.7062

■ 16.1484, 14.8970,
57.2835

■ 14.7888, 12.6516,
56.9217

Harmonies

Analogous

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



48.2086, 52.1067, 61.3434



49.1594, 52.1067, 62.7250



50.2219, 52.1067, 62.4584

Triad

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



49.1594, 52.1067, 62.7250



51.4858, 52.1067, 54.7743



47.9750, 52.1067, 53.0135

Complementary

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



49.1594, 52.1067, 62.7250



51.8092, 54.0176, 53.0440

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.



48.8363, 52.1067, 51.3730



49.1594, 52.1067, 62.7250



50.8669, 52.1067, 52.3641

Square

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



49.1594, 52.1067, 62.7250



51.5753, 52.1067, 57.7940



49.8941, 52.1067, 51.1397



47.5314, 52.1067, 55.6897

Rectangle

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



49.1594, 52.1067, 62.7250



50.8502, 52.1067, 61.3848



49.8941, 52.1067, 51.1397



48.2247, 52.1067, 52.3268

Sweetspot

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



49.1609, 52.1089, 62.7262



91.0133, 96.0219, 108.3449



50.2561, 55.8051, 58.4489



19.2547, 20.3291, 23.1590



0.0000, 0.0000, 0.0000



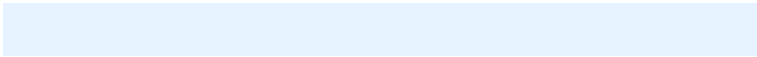
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1609, 52.1089, 62.7262



82.1278, 87.1702, 107.1047



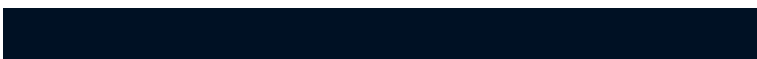
47.5190, 48.7242, 62.1594



10.4615, 11.0971, 13.5081



9.2708, 7.9355, 35.7874



0.5113, 0.5205, 1.7187

Inverse Universe

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



50.7435, 50.5052, 56.9458



85.3506, 83.9568, 95.3217



53.5505, 57.6131, 53.6462



10.8382, 10.7187, 12.1314



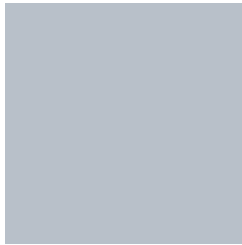
16.4788, 8.3411, 7.7312



0.8168, 0.4096, 0.5584

Previews

White Background



This preview shows how the XYZ color 49.1594, 52.1067, 62.7250 looks on a white background.

Color Contrast Check

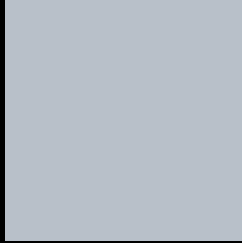
Large Text (above 18pt) WCAG AA × Fail

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 49.1594, 52.1067, 62.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

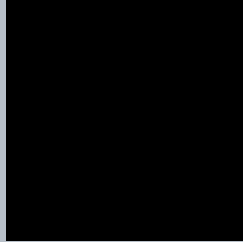
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

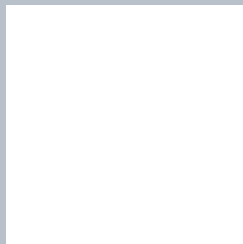
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1594, 52.1067, 62.7250

Background



This preview shows how black text looks on a background with the XYZ color 49.1594, 52.1067, 62.7250.



This preview shows how white text looks on a background with the XYZ color 49.1594, 52.1067,

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

49.1594, 52.1067, 62.7250

Protanopia

50.5770, 52.2035, 62.0542

Deuteranopia

52.9115, 51.7996, 63.0867



Tritanopia

49.7790, 52.0321, 65.8121

Trichromacy



Original Color

49.1594, 52.1067, 62.7250

Protanomaly

50.0424, 52.2506, 62.0914

Deuteranomaly

51.6698, 52.1010, 63.2103

Tritanomaly

49.5375, 51.9355, 64.5404

Monochromacy



Original Color

49.1594, 52.1067, 62.7250

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2202, 51.8931, 59.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1594, 52.1067, 62.7250 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(184, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 201)  
}
```

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(184, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.1594, 52.1067, 62.7250 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(184, 192, 201) }
```


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

```
.border{ border-color:rgb(184, 192, 201) }
```

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

Here you see how a box with a 4 pixel rgb(184, 192, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1594, 52.1067, 62.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 201) }
```

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

```
.background{ background-color: rgb(184,  
192, 201) }
```

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