

Converting Colors

XYZ(48.8369, 52.0334, 58.5084)

Have a look what the booklet for
XYZ(48.8369, 52.0334, 58.5084)
contains.

XYZ(48.8369, 52.0334, 58.5084)	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(48.8369, 52.0334,
58.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC0C2
RGB	186, 192, 194
RGB Percent	73%, 75%, 76%
CMY	0.2706, 0.2470, 0.2392
CMYK	0.04, 0.01, 0.00, 0.24
HSL	195°, 6%, 75%
HSV	195°, 4%, 76%
XYZ	48.8369, 52.0334, 58.5084
YIQ	190.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

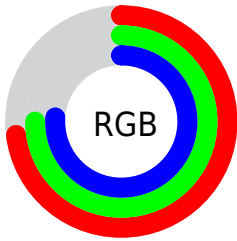
Format	Color
R _Y B	186, 189, 194
Decimal	12239042
CIE Lab	77.30, -1.69, -1.73
CIE LCh	77, 2.419, 225.824
Yxy	52.0334, 0.3064, 0.3265
Android (android.graphics.Color)	4290429122 (0xFFBAC0C2)
YUV	190.4340, 1.7580, -3.8886
Hunter-Lab	72.1342, -5.3852, 2.4035

Details

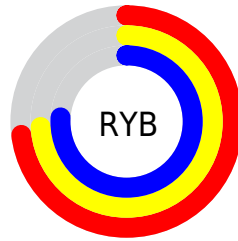
The XYZ color **48.8369, 52.0334, 58.5084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0943, 50.9804, 53.7077**, and the grayscale version is **49.1869, 51.7485, 56.3541**.

A 20% lighter version of the original color is **87.4407, 92.9142, 103.7681**, and **23.6391, 25.3452, 28.4571** is the 20% darker color. If you saturate the color by 10%, you get **43.3947, 47.6767, 57.9551**, and if you desaturate by 10%, it is **54.9570, 56.7944, 59.1056**.

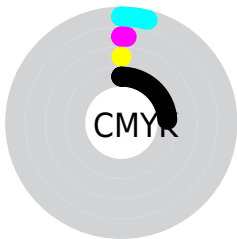
Distribution



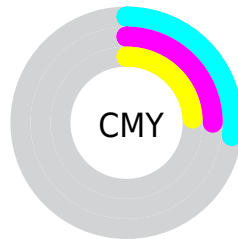
- Red (73%)
- Green (75%)
- Blue (76%)



- Red (73%)
- Yellow (74%)
- Blue (76%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8369, 52.0334, 58.5084 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 48.8369, 52.0334, 58.5084 by changing the saturation by 10% instead.

■ 48.8369, 52.0334,
58.5084

■ 48.8369, 52.0334,
58.5084

372.6275,
394.5655, 436.7287

■ 34.7041, 37.0317,
41.8001

■ 87.6513, 93.1805,
104.1849

■ 23.6005, 25.2320,
28.6204

113.0637,
120.0947, 133.9902

■ 15.1607, 16.2500,
18.5507

142.9667,
151.7485, 168.9983

■ 9.0193, 9.7012,
11.1726

177.7256,
188.5263, 209.6276

■ 4.8110, 5.2013,
6.0674

217.7057,
230.8125, 256.2968

■ 2.1704, 2.3659,
2.8167

263.2725,

■ 0.7271, 0.8082,

278.9915, 309.4244

1.0018

314.7913,
333.4477, 369.4288

■ 0.0000, 0.0000,
0.0000

■ 48.8369, 52.0334,
58.5084

■ 48.8369, 52.0334,
58.5084

■ 43.3947, 47.6767,
57.9551

■ 54.9570, 56.7944,
59.1056

■ 38.6000, 43.7038,
57.4410

■ 61.7749, 61.9661,
59.7445

■ 34.4266, 40.1022,
56.9657

■ 69.3155, 67.5632,
60.4274

■ 30.8447, 36.8559,
56.5279

■ 74.3650, 71.9296,
61.0041

■ 27.8221, 33.9479,
56.1259

■ 75.5890, 74.3776,
61.4121

■ 25.3232, 31.3593,
55.7580

■ 76.8496, 76.8988,
61.8323

■ 23.3084, 29.0690,
55.4221

■ 78.1471, 79.4938,
62.2648

■ 21.7317, 27.0530,
55.1161

■ 79.4818, 82.1631,
62.7097

■ 20.5376, 25.2820,
54.8372

■ 80.8539, 84.9075,
63.1670

Harmonies

Analogous

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



48.6026, 52.0334, 57.3553



48.8369, 52.0334, 58.5084



49.2380, 52.0334, 59.1698

Triad

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



48.8369, 52.0334, 58.5084



50.3265, 52.0334, 57.2837



49.2132, 52.0334, 54.2320

Complementary

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



48.8369, 52.0334, 58.5084



49.0943, 50.9804, 53.7077

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.



49.6751, 52.0334, 54.2135



48.8369, 52.0334, 58.5084



50.3198, 52.0334, 55.9614

Square

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



48.8369, 52.0334, 58.5084



50.0990, 52.0334, 58.4553



50.0807, 52.0334, 54.8422



48.8189, 52.0334, 54.8931

Rectangle

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



48.8369, 52.0334, 58.5084



49.5468, 52.0334, 59.2364



50.0807, 52.0334, 54.8422



49.3657, 52.0334, 54.1508

Sweetspot

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



48.8384, 52.0356, 58.5095



91.7936, 96.8748, 106.3305



48.6050, 52.6486, 55.1028



20.1137, 21.2239, 23.2865



0.0000, 0.0000, 0.0000



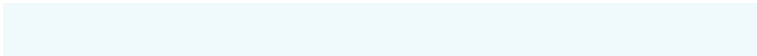
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8384, 52.0356, 58.5095



87.4870, 93.4885, 105.9038



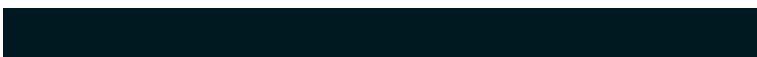
47.9998, 50.3583, 58.2300



10.6086, 11.3552, 12.9175



13.1852, 16.1269, 35.9745



0.6216, 0.8006, 1.5717

Inverse Universe

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



49.3226, 50.3938, 56.9992



88.5630, 89.8565, 102.5438



49.9322, 52.6561, 53.9870



10.7536, 10.8672, 12.4645



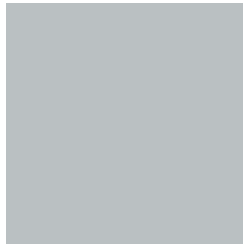
18.0512, 8.9102, 18.7137



0.8061, 0.3955, 0.9465

Previews

White Background



This preview shows how the XYZ color 48.8369, 52.0334, 58.5084 looks on a white background.

Color Contrast Check

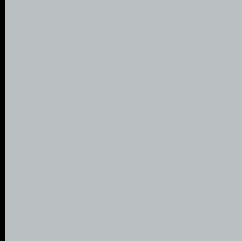
Large Text (above 18pt) WCAG AA × Fail

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 48.8369, 52.0334, 58.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

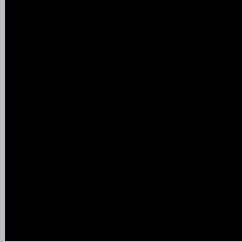
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

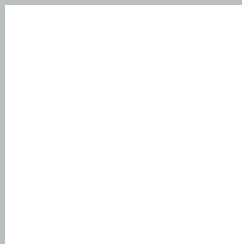
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8369, 52.0334, 58.5084

Background



This preview shows how black text looks on a background with the XYZ color 48.8369, 52.0334, 58.5084.



This preview shows how white text looks on a background with the XYZ color 48.8369, 52.0334,

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

48.8369, 52.0334, 58.5084

Protanopia

50.0314, 52.0146, 57.8550

Deuteranopia

52.9314, 51.9035, 58.8583



Tritanopia

50.1719, 51.9261, 65.1360

Trichromacy



Original Color

48.8369, 52.0334, 58.5084

Protanomaly

49.4916, 52.0590, 57.8920

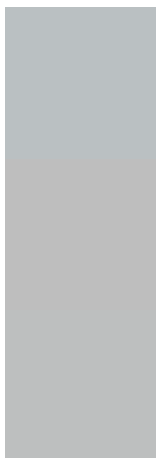
Deuteranomaly

51.3867, 52.0487, 58.9678

Tritanomaly

49.6669, 52.0434, 62.6860

Monochromacy



Original Color

48.8369, 52.0334, 58.5084

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0210, 51.8420, 56.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8369, 52.0334, 58.5084 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(186, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 194)  
}
```

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(186, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.8369, 52.0334, 58.5084 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(186, 192, 194) }
```


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

```
.border{ border-color:rgb(186, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8369, 52.0334, 58.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 194) }
```

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

```
.background{ background-color: rgb(186,  
192, 194) }
```

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