

Converting Colors

XYZ(49.4722, 52.8031, 57.6095)

Have a look what the booklet for
XYZ(49.4722, 52.8031, 57.6095)
contains.

XYZ(49.3234, 52.6371, 57.4295)	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(49.3234, 52.6371,
57.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1C0
RGB	188, 193, 192
RGB Percent	74%, 76%, 75%
CMY	0.2627, 0.2431, 0.2471
CMYK	0.03, 0.00, 0.01, 0.24
HSL	168°, 4%, 75%
HSV	168°, 3%, 76%
XYZ	49.3234, 52.6371, 57.4295
YIQ	191.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

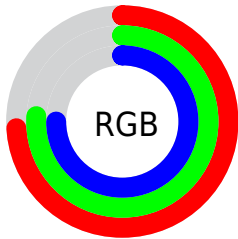
Format	Color
RYB	188, 191, 193
Decimal	12370368
CIELab	77.66, -1.91, -0.11
CIELCh	78, 1.913, 183.281
Yxy	52.6371, 0.3095, 0.3302
Android (android.graphics.Color)	4290560448 (0xFFBCC1C0)
YUV	191.3910, 0.3002, -2.9739
Hunter-Lab	72.5514, -5.6135, 3.8538

Details

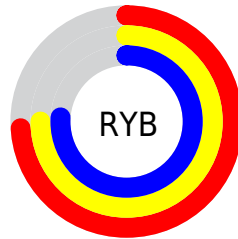
The XYZ color **49.3234, 52.6371, 57.4295** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1628, 50.9793, 55.3955**, and the grayscale version is **49.7489, 52.3397, 56.9980**.

A 20% lighter version of the original color is **88.1272, 93.7618, 102.2600**, and **24.0300, 25.7711, 28.1339** is the 20% darker color. If you saturate the color by 10%, you get **44.4603, 50.1804, 54.9935**, and if you desaturate by 10%, it is **54.8367, 55.4306, 59.9570**.

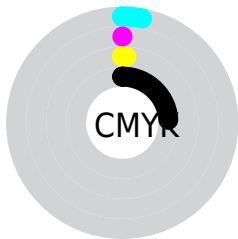
Distribution



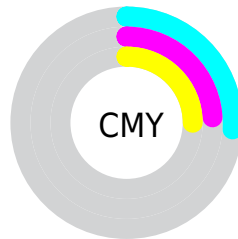
- Red (74%)
- Green (76%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3234, 52.6371, 57.4295 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 49.3234, 52.6371, 57.4295 by changing the saturation by 10% instead.

■ 49.3234, 52.6371,
57.4295

■ 49.3234, 52.6371,
57.4295

374.5100,
396.8913, 432.5955

■ 35.0917, 37.5131,
40.9385

■ 88.3694, 94.0702,
102.5982

■ 23.9004, 25.6050,
27.9517

113.9144,
121.1480, 132.1129

■ 15.3841, 16.5284,
18.0505

143.9613,
152.9794, 166.8060

■ 9.1774, 9.8988,
10.8165

178.8752,
189.9485, 207.0960

■ 4.9151, 5.3319,
5.8309

219.0218,
232.4399, 253.4014

■ 2.2318, 2.4433,
2.6754

264.7661,

■ 0.7594, 0.8480,

280.8379, 306.1407

0.9310

316.4738,
335.5269, 365.7326

■ 0.0000, 0.0000,
0.0000

■ 49.3234, 52.6371,
57.4295

■ 49.3234, 52.6371,
57.4295

■ 44.4603, 50.1804,
54.9935

■ 54.8367, 55.4306,
59.9570

■ 40.2177, 48.0409,
52.6439

■ 61.0194, 58.5663,
62.5740

■ 36.5703, 46.2069,
50.3801

■ 67.8955, 62.0583,
65.2833

■ 33.4893, 44.6637,
48.2003

■ 71.6326, 63.9307,
67.9059

■ 30.9437, 43.3952,
46.1027

■ 72.1132, 64.1229,
70.4366

■ 28.8990, 42.3836,
44.0852

■ 72.6055, 64.3198,
73.0290

■ 27.3171, 41.6094,
42.1454

■ 73.1096, 64.5214,
75.6833

■ 26.1539, 41.0498,
40.2809

■ 73.6255, 64.7278,
78.4001

■ 25.3569, 40.6778,
38.4886

■ 74.1533, 64.9389,
81.1797

Harmonies

Analogous

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



49.3975, 52.6371, 56.4021



49.3234, 52.6371, 57.4295



49.4379, 52.6371, 58.4377

Triad

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



49.3234, 52.6371, 57.4295



50.4212, 52.6371, 59.0323



50.3504, 52.6371, 55.5129

Complementary

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



49.3234, 52.6371, 57.4295



49.1628, 50.9793, 55.3955

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.



50.6268, 52.6371, 56.2025



49.3234, 52.6371, 57.4295



50.6679, 52.6371, 58.2334

Square

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



49.3234, 52.6371, 57.4295



50.0707, 52.6371, 59.3702



50.7433, 52.6371, 57.1964



49.9893, 52.6371, 55.3036

Rectangle

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



49.3234, 52.6371, 57.4295



49.6060, 52.6371, 58.9609



50.7433, 52.6371, 57.1964



50.4563, 52.6371, 55.6958

Sweetspot

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



49.3249, 52.6393, 57.4307



89.8151, 95.0207, 103.5561



49.1556, 52.6026, 55.1401



19.2787, 20.3904, 22.2212



92.9021, 97.7402, 106.4391



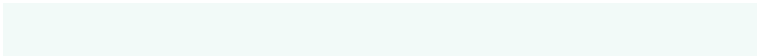
19.4759, 20.4902, 22.3138

Same Dimension

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



49.3249, 52.6393, 57.4307



87.9159, 94.0597, 102.6516



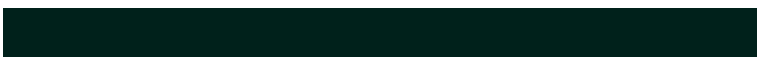
49.1246, 52.0601, 57.9143



10.8991, 11.7061, 12.7810



16.6087, 26.9376, 24.8964



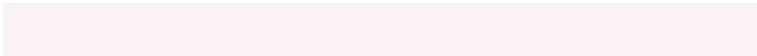
0.7401, 1.1729, 1.1944

Inverse Universe

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



49.1628, 50.9793, 55.3955



87.5756, 90.5759, 98.3806



49.3586, 51.5446, 54.9252



10.8470, 11.1734, 12.1280



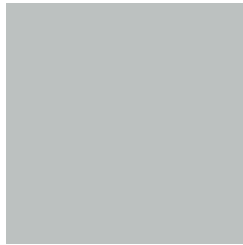
14.8912, 7.6462, 2.0729



0.6684, 0.3404, 0.2214

Previews

White Background



This preview shows how the XYZ color 49.3234, 52.6371, 57.4295 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 49.3234, 52.6371, 57.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

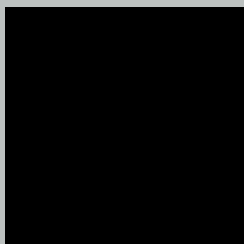
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

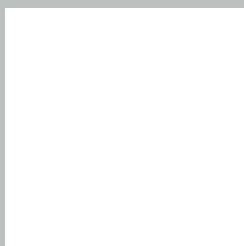
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3234, 52.6371, 57.4295

Background



This preview shows how black text looks on a background with the XYZ color 49.3234, 52.6371, 57.4295.



This preview shows how white text looks on a background with the XYZ color 49.3234, 52.6371,

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

49.3234, 52.6371, 57.4295

Protanopia

50.5404, 52.6253, 56.7841

Deuteranopia

53.4790, 52.5234, 57.7715



Tritanopia

51.0066, 52.6650, 65.8695

Trichromacy



Original Color

49.3234, 52.6371, 57.4295

Protanomaly

49.9918, 52.6673, 56.8212

Deuteranomaly

51.9106, 52.6630, 57.8811

Tritanomaly

50.3785, 52.7351, 62.7820

Monochromacy



Original Color

49.3234, 52.6371, 57.4295

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4888, 52.4080, 56.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3234, 52.6371, 57.4295 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(188, 193, 192) looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.3234, 52.6371, 57.4295 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(188, 193, 192) }
```


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

```
.border{ border-color:rgb(188, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3234, 52.6371, 57.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 192) }
```

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

```
.background{ background-color: rgb(188,  
193, 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