

Converting Colors

XYZ(49.3289, 52.0277, 54.6885)

Have a look what the booklet for
XYZ(49.3289, 52.0277, 54.6885)
contains.

XYZ(49.3387, 52.0559, 54.4611)	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(49.3387, 52.0559,
54.4611)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BFBB
RGB	192, 191, 187
RGB Percent	75%, 75%, 73%
CMY	0.2471, 0.2510, 0.2667
CMYK	0.00, 0.01, 0.03, 0.25
HSL	48°, 4%, 74%
HSV	48°, 3%, 75%
XYZ	49.3387, 52.0559, 54.4611
YIQ	190.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

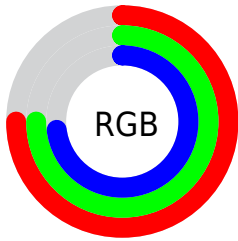
Format	Color
RYB	188, 192, 187
Decimal	12631995
CIELab	77.31, -0.38, 2.13
CIELCh	77, 2.161, 100.040
Yxy	52.0559, 0.3166, 0.3340
Android (android.graphics.Color)	4290822075 (0xFFC0BFBB)
YUV	190.8430, -1.8946, 1.0147
Hunter-Lab	72.1498, -4.1972, 5.7507

Details

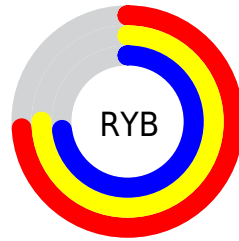
The XYZ color **49.3387, 52.0559, 54.4611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9913, 50.3365, 57.0565**, and the grayscale version is **49.4414, 52.0162, 56.6456**.

A 20% lighter version of the original color is **88.1498, 92.9491, 98.0890**, and **24.0390, 25.3872, 26.1875** is the 20% darker color. If you saturate the color by 10%, you get **46.5958, 49.6420, 44.0748**, and if you desaturate by 10%, it is **52.3812, 54.6279, 66.3044**.

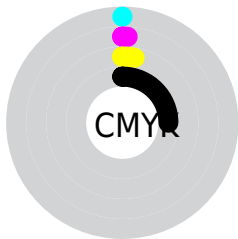
Distribution



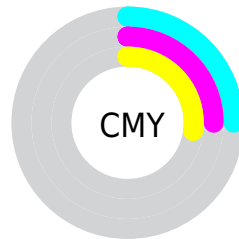
- Red (75%)
- Green (75%)
- Blue (73%)



- Red (74%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3387, 52.0559, 54.4611 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 49.3387, 52.0559, 54.4611 by changing the saturation by 10% instead.

■ 49.3387, 52.0559,
54.4611

■ 49.3387, 52.0559,
54.4611

374.5691,
394.6524, 421.0901

■ 35.1039, 37.0496,
38.5747

■ 88.3920, 93.2137,
98.2142

■ 23.9098, 25.2459,
26.1238

113.9412,
120.1340, 126.9179

■ 15.3911, 16.2604,
16.6897

143.9925,
151.7944, 160.7313

■ 9.1824, 9.7086,
9.8539

178.9114,
188.5794, 200.0727

■ 4.9184, 5.2062,
5.1978

219.0631,
230.8732, 245.3607

■ 2.2337, 2.3687,
2.3030

264.8130,

■ 0.7604, 0.8097,

279.0604, 297.0140

0.7329

316.5266,
333.5254, 355.4509

■ 0.0000, 0.0000,
0.0000

■ 49.3387, 52.0559,
54.4611

■ 49.3387, 52.0559,
54.4611

■ 46.5958, 49.6420,
44.0748

■ 52.3812, 54.6279,
66.3044

■ 44.1371, 47.3749,
35.0851

■ 55.7294, 57.3556,
79.6553

■ 41.9524, 45.2517,
27.4322

■ 59.3946, 60.2455,
94.5660

■ 40.0292, 43.2672,
21.0509

■ 61.9361, 62.7217,
103.4499

■ 38.3538, 41.4157,
15.8703

■ 62.8708, 64.5910,
103.7614

■ 36.9113, 39.6909,
11.8125

■ 63.8281, 66.5056,
104.0805

■ 35.6849, 38.0859,
8.7907

■ 64.8081, 68.4657,
104.4072

■ 34.6557, 36.5927,
6.7050

■ 65.8111, 70.4717,
104.7415

■ 33.8007, 35.2020,
5.4358

■ 66.8372, 72.5238,
105.0835

Harmonies

Analogous

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



49.7503, 52.0559, 54.5607



49.3387, 52.0559, 54.4611



48.9664, 52.0559, 54.9497

Triad

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



49.3387, 52.0559, 54.4611



48.8696, 52.0559, 58.1618



50.2308, 52.0559, 57.4631

Complementary

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



49.3387, 52.0559, 54.4611



47.9913, 50.3365, 57.0565

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.



49.9923, 52.0559, 58.4463



49.3387, 52.0559, 54.4611



49.2059, 52.0559, 58.8536

Square

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



49.3387, 52.0559, 54.4611



48.6966, 52.0559, 57.0790



49.6167, 52.0559, 58.9584



50.2669, 52.0559, 56.2829

Rectangle

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



49.3387, 52.0559, 54.4611



48.7900, 52.0559, 55.5473



49.6167, 52.0559, 58.9584



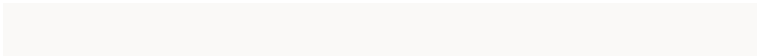
50.1716, 52.0559, 57.8281

Sweetspot

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



49.3402, 52.0581, 54.4622



90.2390, 95.0457, 101.9100



48.5865, 50.3788, 54.7411



19.3651, 20.3955, 21.8857



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.



49.3402, 52.0581, 54.4622



89.1683, 94.1249, 97.7903



49.1804, 52.2996, 54.5173



11.0905, 11.7156, 12.0383



22.4280, 23.1417, 3.2847



1.0135, 1.0888, 0.1567

Inverse Universe

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



47.9913, 50.3365, 57.0565



86.3160, 90.4843, 103.2762



48.1480, 50.1022, 57.0030



10.6543, 11.1589, 12.8772



6.9195, 3.5954, 33.8859



0.3484, 0.2541, 1.4806

Previews

White Background



This preview shows how the XYZ color 49.3387, 52.0559, 54.4611 looks on a white background.

Color Contrast Check

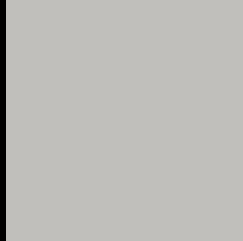
Large Text (above 18pt) WCAG AA × Fail

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 49.3387, 52.0559, 54.4611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

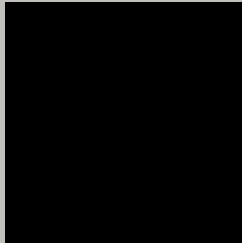
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

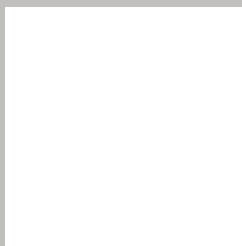
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3387, 52.0559, 54.4611

Background



This preview shows how black text looks on a background with the XYZ color 49.3387, 52.0559, 54.4611.



This preview shows how white text looks on a background with the XYZ color 49.3387, 52.0559, 54.4611.

54.4611.

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

49.3387, 52.0559, 54.4611

Protanopia

49.7821, 51.9742, 53.8626

Deuteranopia

53.0044, 52.0304, 54.8262



Tritanopia

51.0108, 51.7476, 63.7996

Trichromacy



Original Color

49.3387, 52.0559, 54.4611

Protanomaly

49.5245, 51.8414, 53.8505

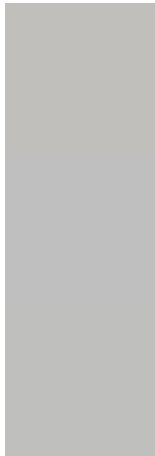
Deuteranomaly

51.4760, 51.8680, 54.8754

Tritanomaly

50.2680, 51.7639, 60.1653

Monochromacy



Original Color

49.3387, 52.0559, 54.4611

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4109, 52.0557, 56.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3387, 52.0559, 54.4611 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(192, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 187)  
}
```

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(192, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.3387, 52.0559, 54.4611 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(192, 191, 187) }
```


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

```
.border{ border-color:rgb(192, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3387, 52.0559, 54.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 187) }
```

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

```
.background{ background-color: rgb(192,  
191, 187) }
```

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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