

Converting Colors

XYZ(48.9575, 49.8049, 56.2612)

Have a look what the booklet for
XYZ(48.9575, 49.8049, 56.2612)
contains.

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Color

**XYZ(49.0011, 49.9288,
56.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9BF
RGB	194, 185, 191
RGB Percent	76%, 73%, 75%
CMY	0.2392, 0.2745, 0.2510
CMYK	0.00, 0.05, 0.02, 0.24
HSL	320°, 7%, 74%
HSV	320°, 5%, 76%
XYZ	49.0011, 49.9288, 56.3448
YIQ	188.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

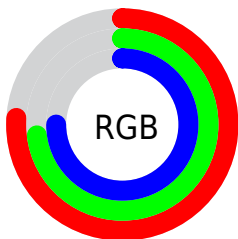
Format	Color
RYB	194, 185, 191
Decimal	12761535
CIELab	76.03, 4.26, -1.90
CIElCh	76, 4.666, 335.914
Yxy	49.9288, 0.3156, 0.3216
Android (android.graphics.Color)	4290951615 (0xFFC2B9BF)
YUV	188.3750, 1.2941, 4.9331
Hunter-Lab	70.6603, 0.1296, 2.1842

Details

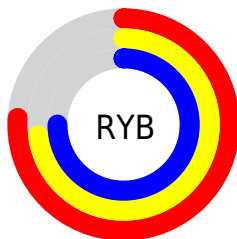
The XYZ color **49.0011, 49.9288, 56.3448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3784, 52.5301, 55.1691**, and the grayscale version is **48.0059, 50.5059, 55.0009**.

A 20% lighter version of the original color is **87.6681, 89.9500, 100.7372**, and **23.6539, 23.9130, 27.4137** is the 20% darker color. If you saturate the color by 10%, you get **44.5205, 42.0814, 51.4163**, and if you desaturate by 10%, it is **54.0698, 58.9007, 61.6257**.

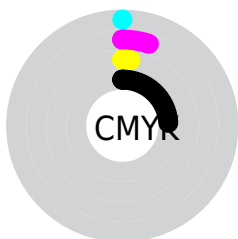
Distribution



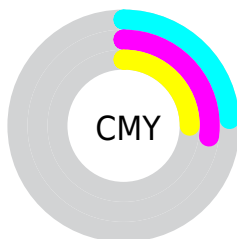
- Red (76%)
- Green (73%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0011, 49.9288, 56.3448 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 49.0011, 49.9288, 56.3448 by changing the saturation by 10% instead.

■ 49.0011, 49.9288,
56.3448

■ 49.0011, 49.9288,
56.3448

373.2635,
386.3874, 428.4144

■ 34.8349, 35.3568,
40.0736

■ 87.8938, 90.0694,
100.9994

■ 23.7016, 23.9379,
27.2817

113.3510,
116.4068, 130.2198

■ 15.2360, 15.2875,
17.5506

143.3026,
147.4348, 164.5937

■ 9.0726, 9.0214,
10.4617

178.1139,
183.5377, 204.5396

■ 4.8460, 4.7552,
5.5966

218.1503,
225.1001, 250.4761

■ 2.1910, 2.1043,
2.5366

263.7771,

■ 0.7380, 0.6671,

272.5062, 302.8217

0.8594

315.3597,
326.1406, 361.9950

■ 0.0000, 0.0000,
0.0000

■ 49.0011, 49.9288,
56.3448

■ 49.0011, 49.9288,
56.3448

■ 44.5205, 42.0814,
51.4163

■ 54.0698, 58.9007,
61.6257

■ 40.6011, 35.3072,
46.8275

■ 59.7436, 69.0327,
67.2648

■ 37.2200, 29.5606,
42.5693

■ 66.0444, 80.3670,
73.2719

■ 34.3512, 24.7905,
38.6310

■ 70.5171, 87.9930,
78.8306

■ 31.9666, 20.9408,
35.0011

■ 71.3748, 88.3360,
83.3469

■ 30.0350, 17.9502,
31.6671

■ 72.2658, 88.6924,
88.0390

■ 28.5216, 15.7497,
28.6152

■ 73.1905, 89.0623,
92.9085

■ 27.3861, 14.2595,
25.8297

■ 74.1493, 89.4459,
97.9575

■ 26.5797, 13.3827,
23.2920

■ 75.1426, 89.8432,
103.1878

Harmonies

Analogous

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



48.4449, 49.9288, 58.3414



49.0011, 49.9288, 56.3448



49.1411, 49.9288, 53.8713

Triad

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



49.0011, 49.9288, 56.3448



47.2835, 49.9288, 49.7318



46.1125, 49.9288, 57.2259

Complementary

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



49.0011, 49.9288, 56.3448



48.3784, 52.5301, 55.1691

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.



45.8096, 49.9288, 54.8596



49.0011, 49.9288, 56.3448



46.4803, 49.9288, 50.5715

Square

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



49.0011, 49.9288, 56.3448



48.1425, 49.9288, 50.1021



45.9434, 49.9288, 52.4301



46.7757, 49.9288, 58.8609

Rectangle

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



49.0011, 49.9288, 56.3448



48.9780, 49.9288, 52.2949



45.9434, 49.9288, 52.4301



45.9655, 49.9288, 56.4870

Sweetspot

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



49.0025, 49.9310, 56.3459



91.9792, 96.1079, 105.4731



47.8276, 49.2867, 58.0323



20.1524, 21.0641, 23.1079



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.



49.0025, 49.9310, 56.3459



87.5302, 88.2636, 100.7421



48.5150, 49.7360, 53.7787



10.6343, 10.6876, 12.2429



17.2855, 8.6039, 14.6812



0.7778, 0.3841, 0.7970

Inverse Universe

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



49.0025, 49.9310, 56.3459



87.5302, 88.2636, 100.7421



48.8709, 52.7272, 57.7629



10.6343, 10.6876, 12.2429



17.2855, 8.6039, 14.6812



0.7778, 0.3841, 0.7970

Previews

White Background



This preview shows how the XYZ color 49.0011, 49.9288, 56.3448 looks on a white background.

Color Contrast Check

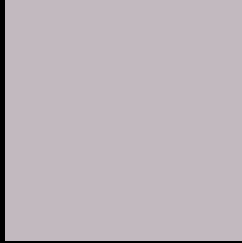
Large Text (above 18pt) WCAG AA × Fail

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 49.0011, 49.9288, 56.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

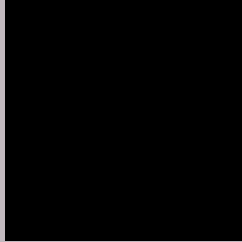
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

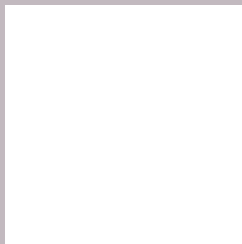
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0011, 49.9288, 56.3448

Background



This preview shows how black text looks on a background with the XYZ color 49.0011, 49.9288, 56.3448.



This preview shows how white text looks on a background with the XYZ color 49.0011, 49.9288,

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

49.0011, 49.9288, 56.3448

Protanopia

48.0596, 49.7424, 56.9374

Deuteranopia

51.1442, 50.0990, 56.8437



Tritanopia

49.8392, 49.9603, 60.4426

Trichromacy



Original Color

49.0011, 49.9288, 56.3448

Protanomaly

48.5592, 49.9999, 56.9608

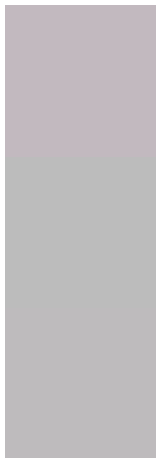
Deuteranomaly

50.2673, 49.9521, 56.8615

Tritanomaly

49.4965, 49.8232, 58.6379

Monochromacy



Original Color

49.0011, 49.9288, 56.3448

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1908, 50.1619, 55.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0011, 49.9288, 56.3448 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(194, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 191)  
}
```

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(194, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 191) }
```

Border

The CSS property to change the border of an element to XYZ 49.0011, 49.9288, 56.3448 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(194, 185, 191) }
```


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

```
.border{ border-color:rgb(194, 185, 191) }
```

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

Here you see how a box with a 4 pixel rgb(194, 185, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0011, 49.9288, 56.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 191) }
```

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

```
.background{ background-color: rgb(194,  
185, 191) }
```

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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