

Converting Colors

XYZ(49.3899, 48.9421, 56.5126)

Have a look what the booklet for
XYZ(49.3899, 48.9421, 56.5126)
contains.

XYZ(49.3270, 48.8593, 56.7001)	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(49.3270, 48.8593,
56.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5C0
RGB	198, 181, 192
RGB Percent	78%, 71%, 75%
CMY	0.2235, 0.2902, 0.2471
CMYK	0.00, 0.09, 0.03, 0.22
HSL	321°, 13%, 74%
HSV	321°, 9%, 78%
XYZ	49.3270, 48.8593, 56.7001
YIQ	187.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

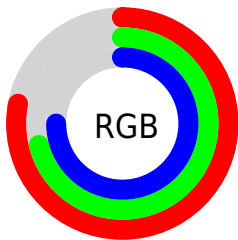
Format	Color
RYB	198, 181, 192
Decimal	13022656
CIELab	75.36, 8.00, -3.38
CIELCh	75, 8.685, 337.081
Yxy	48.8593, 0.3185, 0.3155
Android (android.graphics.Color)	4291212736 (0xFFC6B5C0)
YUV	187.3370, 2.2989, 9.3515
Hunter-Lab	69.8994, 3.6408, 0.8355

Details

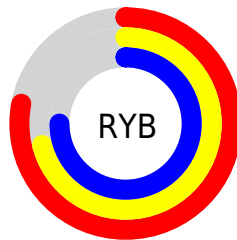
The XYZ color **49.3270, 48.8593, 56.7001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2217, 53.8011, 54.8595**, and the grayscale version is **47.4103, 49.8794, 54.3186**.

A 20% lighter version of the original color is **88.4675, 88.6057, 101.2468**, and **23.8810, 23.2317, 27.6516** is the 20% darker color. If you saturate the color by 10%, you get **44.8278, 41.0705, 51.4700**, and if you desaturate by 10%, it is **54.4379, 57.8114, 62.3168**.

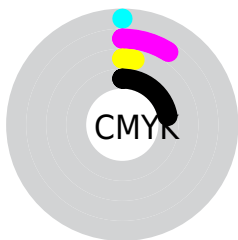
Distribution



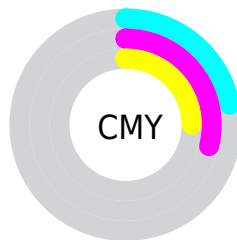
- Red (78%)
- Green (71%)
- Blue (75%)



- Red (78%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3270, 48.8593, 56.7001 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 49.3270, 48.8593, 56.7001 by changing the saturation by 10% instead.

■ 49.3270, 48.8593,
56.7001

■ 49.3270, 48.8593,
56.7001

374.5239,
382.1882, 429.7868

■ 35.0946, 34.5079,
40.3568

■ 88.3747, 88.4824,
101.5234

■ 23.9026, 23.2840,
27.5009

113.9207,
114.5230, 130.8405

■ 15.3857, 14.8034,
17.7140

143.9686,
145.2286, 165.3193

■ 9.1786, 8.6815,
10.5776

178.8837,
180.9839, 205.3782

■ 4.9159, 4.5340,
5.6730

219.0315,
222.1730, 251.4359

■ 2.2323, 1.9766,
2.5817

264.7772,

■ 0.7597, 0.5938,

269.1805, 303.9109

0.8830

316.4862,
322.3908, 363.2217

■ 0.0000, 0.0000,
0.0000

■ 49.3270, 48.8593,
56.7001

■ 49.3270, 48.8593,
56.7001

■ 44.8278, 41.0705,
51.4700

■ 54.4379, 57.8114,
62.3168

■ 40.9117, 34.3904,
46.6126

■ 60.1795, 67.9658,
68.3271

■ 37.5538, 28.7695,
42.1178

■ 66.5750, 79.3675,
74.7417

■ 34.7258, 24.1521,
37.9735

■ 71.9620, 88.6911,
81.0088

■ 32.3969, 20.4773,
34.1667

■ 72.9072, 89.0692,
85.9863

■ 30.5328, 17.6774,
30.6834

■ 73.8916, 89.4630,
91.1701

■ 29.0948, 15.6760,
27.5079

■ 74.9156, 89.8726,
96.5625

■ 28.0374, 14.3830,
24.6220

■ 75.9797, 90.2982,
102.1660

■ 27.2881, 13.6543,
21.9987

■ 77.0843, 90.7401,
107.9827

Harmonies

Analogous

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



48.3165, 48.8593, 60.5324



49.3270, 48.8593, 56.7001



49.5554, 48.8593, 52.1221

Triad

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



49.3270, 48.8593, 56.7001



46.0616, 48.8593, 44.9366



44.0311, 48.8593, 58.6832

Complementary

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



49.3270, 48.8593, 56.7001



48.2217, 53.8011, 54.8595

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.



43.4566, 48.8593, 54.2916



49.3270, 48.8593, 56.7001



44.6113, 48.8593, 46.4840

Square

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



49.3270, 48.8593, 56.7001



47.6461, 48.8593, 45.4996



43.6666, 48.8593, 49.8460



45.2531, 48.8593, 61.7224

Rectangle

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



49.3270, 48.8593, 56.7001



49.2289, 48.8593, 49.2934



43.6666, 48.8593, 49.8460



43.7571, 48.8593, 57.3067

Sweetspot

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



49.3284, 48.8614, 56.7012



92.2261, 95.0431, 105.8288



47.2002, 47.6859, 60.1434



19.5823, 20.0666, 22.4783



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.



49.3284, 48.8614, 56.7012



86.0321, 84.2294, 98.9108



48.4189, 48.4976, 51.9118



10.9180, 10.7506, 12.5513



17.7254, 8.8397, 14.2956



0.8728, 0.4319, 0.8531

Inverse Universe

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



49.3284, 48.8614, 56.7012



86.0321, 84.2294, 98.9108



49.1530, 54.1736, 59.7638



10.9180, 10.7506, 12.5513



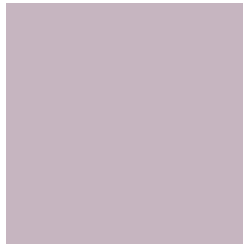
17.7254, 8.8397, 14.2956



0.8728, 0.4319, 0.8531

Previews

White Background



This preview shows how the XYZ color 49.3270, 48.8593, 56.7001 looks on a white background.

Color Contrast Check

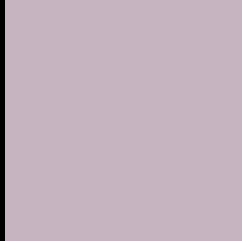
Large Text (above 18pt) WCAG AA × Fail

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 49.3270, 48.8593, 56.7001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

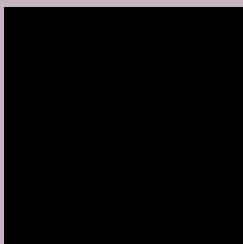
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

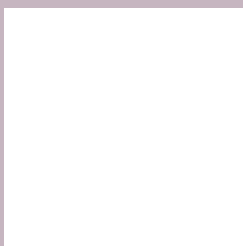
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3270, 48.8593, 56.7001

Background



This preview shows how black text looks on a background with the XYZ color 49.3270, 48.8593, 56.7001.



This preview shows how white text looks on a background with the XYZ color 49.3270, 48.8593,

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

49.3270, 48.8593, 56.7001

Protanopia

47.5801, 49.1578, 58.0196

Deuteranopia

49.9231, 48.8658, 56.6700



Tritanopia

49.6629, 48.9936, 58.4690

Trichromacy



Original Color

49.3270, 48.8593, 56.7001

Protanomaly

48.2520, 49.2076, 57.4069

Deuteranomaly

49.6551, 48.7276, 56.6574

Tritanomaly

49.5502, 48.9486, 57.8754

Monochromacy



Original Color

49.3270, 48.8593, 56.7001

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0201, 49.4484, 55.1577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3270, 48.8593, 56.7001 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(198, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 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(198, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.3270, 48.8593, 56.7001 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(198, 181, 192) }
```


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

```
.border{ border-color:rgb(198, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3270, 48.8593, 56.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 192) }
```

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

```
.background{ background-color: rgb(198,  
181, 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