

Converting Colors

XYZ(48.3541, 49.6700, 52.9377)

Have a look what the booklet for
XYZ(48.3541, 49.6700, 52.9377)
contains.

XYZ(48.3541, 49.6700, 52.9377)	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(48.3541, 49.6700,
52.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9B9
RGB	194, 185, 185
RGB Percent	76%, 73%, 73%
CMY	0.2392, 0.2745, 0.2745
CMYK	0.00, 0.05, 0.05, 0.24
HSL	0°, 7%, 74%
HSV	0°, 5%, 76%
XYZ	48.3541, 49.6700, 52.9377
YIQ	187.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

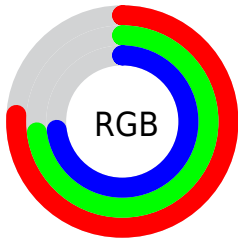
Format	Color
RYB	194, 185, 185
Decimal	12761529
CIELab	75.87, 3.17, 1.13
CIELCh	76, 3.367, 19.523
Yxy	49.6700, 0.3203, 0.3290
Android (android.graphics.Color)	4290951609 (0xFFC2B9B9)
YUV	187.6910, -1.3267, 5.5330
Hunter-Lab	70.4769, -0.8661, 4.7991

Details

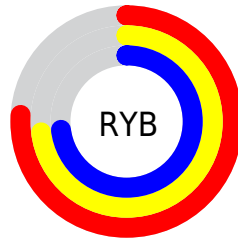
The XYZ color **48.3541, 49.6700, 52.9377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0371, 52.7924, 58.6452**, and the grayscale version is **47.6310, 50.1115, 54.5715**.

A 20% lighter version of the original color is **86.7568, 89.5855, 95.9382**, and **23.2313, 23.7439, 25.1884** is the 20% darker color. If you saturate the color by 10%, you get **42.6605, 41.3393, 41.6157**, and if you desaturate by 10%, it is **54.8834, 59.2236, 65.9182**.

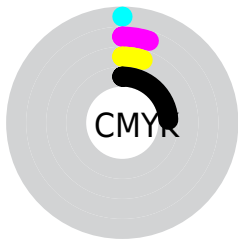
Distribution



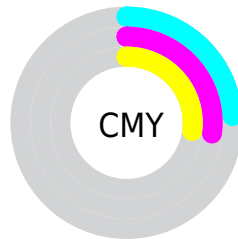
- Red (76%)
- Green (73%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3541, 49.6700, 52.9377 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 48.3541, 49.6700, 52.9377 by changing the saturation by 10% instead.

■ 48.3541, 49.6700,
52.9377

■ 48.3541, 49.6700,
52.9377

370.7533,
385.3740, 415.1056

■ 34.3198, 35.1513,
37.3657

■ 86.9379, 89.6857,
95.9533

■ 23.3034, 23.7794,
25.1927

112.2181,
115.9515, 124.2339

■ 14.9397, 15.1701,
16.0004

141.9777,
146.9018, 157.5879

■ 8.8631, 8.9388,
9.3701

176.5820,
182.9209, 196.4336

■ 4.7084, 4.7013,
4.8832

216.3963,
224.3933, 241.1897

■ 2.1102, 2.0731,
2.1214

261.7861,

■ 0.6947, 0.6494,

271.7034, 292.2747

0.6284

313.1166,
325.2355, 350.1071

0.0000, 0.0000,
0.0000

48.3541, 49.6700,
52.9377

48.3541, 49.6700,
52.9377

42.6605, 41.3393,
41.6157

54.8834, 59.2236,
65.9182

37.7649, 34.1760,
31.8824

62.2758, 70.0398,
80.6168

33.6330, 28.1300,
23.6677

70.5626, 82.1646,
97.0942

30.2262, 23.1450,
16.8951

76.0585, 90.2095,
108.0112

27.5028, 19.1597,
11.4813

■ 25.4166, 16.1068,
7.3347

■ 23.9159, 13.9106,
4.3525

■ 22.9410, 12.4836,
2.4154

■ 22.4191, 11.7195,
1.3792

Harmonies

Analogous

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



48.4041, 49.6700, 54.7119



48.3541, 49.6700, 52.9377



47.9960, 49.6700, 51.5007

Triad

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



48.3541, 49.6700, 52.9377



46.2996, 49.6700, 51.8739



46.9912, 49.6700, 57.5453

Complementary

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



48.3541, 49.6700, 52.9377



49.0371, 52.7924, 58.6452

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.



46.4323, 49.6700, 56.7485



48.3541, 49.6700, 52.9377



46.0354, 49.6700, 53.4574

Square

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



48.3541, 49.6700, 52.9377



46.8085, 49.6700, 50.8960



46.0838, 49.6700, 55.2430



47.6135, 49.6700, 57.3987

Rectangle

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



48.3541, 49.6700, 52.9377



47.6324, 49.6700, 50.9148



46.0838, 49.6700, 55.2430



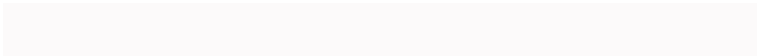
46.7898, 49.6700, 57.3782

Sweetspot

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



48.3555, 49.6722, 52.9388



91.7144, 96.0025, 104.0777



49.3355, 50.0631, 58.1027



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



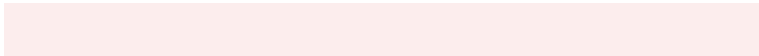
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3555, 49.6722, 52.9388



86.0119, 87.6587, 92.7396



49.3112, 51.5836, 53.2574



10.4358, 10.6086, 11.1966



14.6281, 7.5420, 0.6848



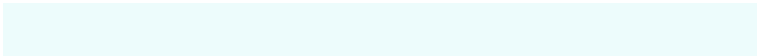
0.6321, 0.3261, 0.0296

Inverse Universe

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



49.0371, 52.7924, 58.6452



87.6187, 95.0141, 106.1913



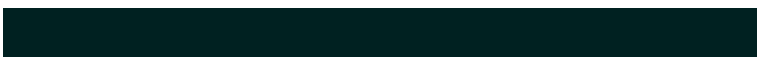
48.0513, 50.8208, 58.3166



10.6461, 11.5712, 12.9572



19.0763, 27.9091, 37.9382



0.8243, 1.2061, 1.6392

Previews

White Background



This preview shows how the XYZ color 48.3541, 49.6700, 52.9377 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 48.3541, 49.6700, 52.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

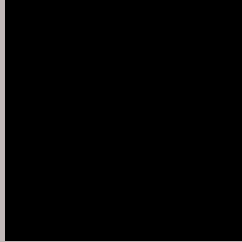
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3541, 49.6700, 52.9377

Background



This preview shows how black text looks on a background with the XYZ color 48.3541, 49.6700, 52.9377.

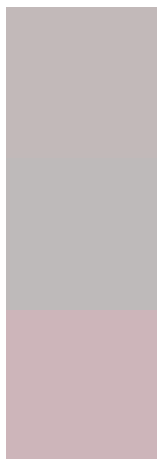


This preview shows how white text looks on a background with the XYZ color 48.3541, 49.6700,

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

48.3541, 49.6700, 52.9377

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.5636, 49.5721, 53.3577



Tritanopia

49.7765, 49.6340, 59.7801

Trichromacy



Original Color

48.3541, 49.6700, 52.9377

Protanomaly

47.9077, 49.7393, 53.5300

Deuteranomaly

49.6783, 49.4186, 53.3748

Tritanomaly

49.2718, 49.7333, 57.4547

Monochromacy



Original Color

48.3541, 49.6700, 52.9377

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9752, 50.0757, 54.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3541, 49.6700, 52.9377 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, 185)` looks like.

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

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, 185) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 48.3541, 49.6700, 52.9377 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, 185) }
```


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

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

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, 185)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 48.3541, 49.6700, 52.9377 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, 185) }
```

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

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

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