

Converting Colors

XYZ(49.4903, 52.7958, 50.7452)

Have a look what the booklet for
XYZ(49.4903, 52.7958, 50.7452)
contains.

XYZ(49.5563, 52.9045, 50.7797)	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(49.5563, 52.9045,
50.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1B4
RGB	194, 193, 180
RGB Percent	76%, 76%, 71%
CMY	0.2392, 0.2431, 0.2941
CMYK	0.00, 0.01, 0.07, 0.24
HSL	56°, 10%, 73%
HSV	56°, 7%, 76%
XYZ	49.5563, 52.9045, 50.7797
YIQ	191.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

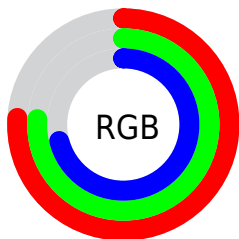
Format	Color
RYB	181, 194, 180
Decimal	12763572
CIELab	77.82, -1.96, 6.66
CIELCh	78, 6.941, 106.408
Yxy	52.9045, 0.3234, 0.3452
Android (android.graphics.Color)	4290953652 (0xFFC2C1B4)
YUV	191.8170, -5.8258, 1.9145
Hunter-Lab	72.7355, -5.6711, 9.5220

Details

The XYZ color **49.5563, 52.9045, 50.7797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0839, 46.6454, 57.6668**, and the grayscale version is **50.0283, 52.6337, 57.3181**.

A 20% lighter version of the original color is **88.7997, 94.3167, 92.8816**, and **24.0241, 25.8639, 23.8047** is the 20% darker color. If you saturate the color by 10%, you get **47.4135, 51.5630, 40.9879**, and if you desaturate by 10%, it is **51.9816, 54.3670, 62.0317**.

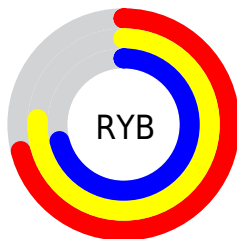
Distribution



Red (76%)

Green (76%)

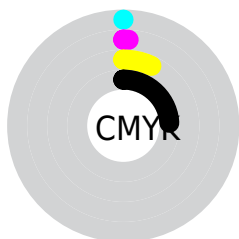
Blue (71%)



Red (71%)

Yellow (76%)

Blue (71%)

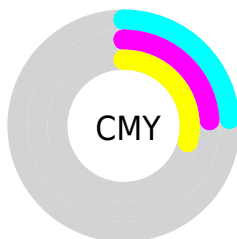


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5563, 52.9045, 50.7797 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 49.5563, 52.9045, 50.7797 by changing the saturation by 10% instead.

■ 49.5563, 52.9045,
50.7797

■ 49.5563, 52.9045,
50.7797

375.4090,
397.9186, 406.5294

■ 35.2773, 37.7265,
35.6578

■ 88.7129, 94.4638,
92.7372

■ 24.0441, 25.7705,
23.8824

114.3212,
121.6140, 120.4099

■ 15.4912, 16.6520,
15.0350

144.4367,
153.5237, 153.1033

■ 9.2534, 9.9867,
8.6971

179.4247,
190.5772, 191.2359

■ 4.9653, 5.3902,
4.4500

219.6506,
233.1591, 235.2263

■ 2.2615, 2.4779,
1.8753

265.4797,

■ 0.7748, 0.8656,

281.6537, 285.4929

0.4770

317.2774,
336.4454, 342.4545

■ 0.0000, 0.0000,
0.0000

■ 49.5563, 52.9045,
50.7797

■ 49.5563, 52.9045,
50.7797

■ 47.4135, 51.5630,
40.9879

■ 51.9816, 54.3670,
62.0317

■ 45.5373, 50.3309,
32.5926

■ 54.6957, 55.9479,
74.7973

■ 43.9170, 49.2057,
25.5308

■ 57.7103, 57.6536,
89.1310

■ 42.5393, 48.1821,
19.7329

■ 60.6133, 59.3193,
102.8628

■ 41.3900, 47.2544,
15.1233

■ 60.9315, 59.9556,
102.9689

■ 40.4530, 46.4161,
11.6182

■ 61.2525, 60.5977,
103.0759

■ 39.7104, 45.6600,
9.1230

■ 61.5764, 61.2455,
103.1839

■ 39.1412, 44.9778,
7.5271

■ 61.9033, 61.8992,
103.2928

■ 38.7162, 44.3577,
6.6764

■ 62.2330, 62.5587,
103.4028

Harmonies

Analogous

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



50.8950, 52.9045, 50.6930



49.5563, 52.9045, 50.7797



48.4321, 52.9045, 52.6410

Triad

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



49.5563, 52.9045, 50.7797



48.5199, 52.9045, 63.1432



52.8430, 52.9045, 59.3642

Complementary

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



49.5563, 52.9045, 50.7797



45.0839, 46.6454, 57.6668

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.



52.1828, 52.9045, 62.8696



49.5563, 52.9045, 50.7797



49.6781, 52.9045, 65.1162

Square

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



49.5563, 52.9045, 50.7797



47.8411, 52.9045, 59.7241



51.0191, 52.9045, 65.0139



52.8089, 52.9045, 55.5347

Rectangle

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



49.5563, 52.9045, 50.7797



47.9485, 52.9045, 54.6871



51.0191, 52.9045, 65.0139



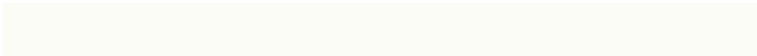
52.6944, 52.9045, 60.6229

Sweetspot

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



49.5578, 52.9068, 50.7808



91.9974, 97.1975, 102.2327



46.9277, 47.4557, 50.4930



20.1561, 21.2911, 22.4325



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.



49.5578, 52.9068, 50.7808



88.9980, 95.3676, 88.3810



48.3108, 52.5921, 50.7858



10.8501, 11.6316, 10.7351



25.4092, 29.1042, 4.2785



1.1165, 1.2949, 0.1911

Inverse Universe

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



45.0839, 46.6454, 57.6668



78.8615, 81.1811, 103.9829



46.2688, 46.9566, 57.6644



9.5846, 9.8605, 12.6829



6.5269, 2.8103, 33.7551



0.3022, 0.1619, 1.4652

Previews

White Background



This preview shows how the XYZ color 49.5563, 52.9045, 50.7797 looks on a white background.

Color Contrast Check

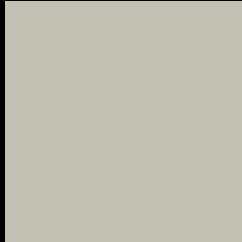
Large Text (above 18pt) WCAG AA × Fail

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 49.5563, 52.9045, 50.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

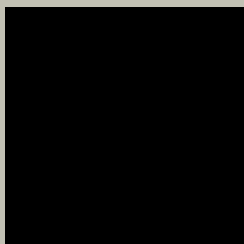
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

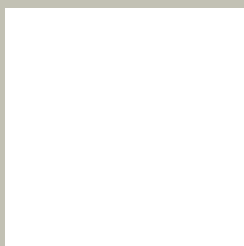
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5563, 52.9045, 50.7797

Background



This preview shows how black text looks on a background with the XYZ color 49.5563, 52.9045, 50.7797.



This preview shows how white text looks on a background with the XYZ color 49.5563, 52.9045,

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

49.5563, 52.9045, 50.7797

Protanopia

50.5395, 53.0961, 50.2327

Deuteranopia

53.9237, 52.9011, 51.0849



Tritanopia

52.3854, 52.7606, 64.5495

Trichromacy



Original Color

49.5563, 52.9045, 50.7797

Protanomaly

50.0123, 52.8243, 50.2080

Deuteranomaly

52.2702, 52.9968, 51.1905

Tritanomaly

51.2897, 52.6374, 59.0865

Monochromacy



Original Color

49.5563, 52.9045, 50.7797

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9191, 52.6676, 55.1118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5563, 52.9045, 50.7797 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, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 180)  
}
```

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, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 180) }
```

Border

The CSS property to change the border of an element to XYZ 49.5563, 52.9045, 50.7797 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, 193, 180) }
```


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

```
.border{ border-color:rgb(194, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5563, 52.9045, 50.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 180) }
```

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

```
.background{ background-color: rgb(194,  
193, 180) }
```

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