

Converting Colors

XYZ(54.3010, 57.2789, 49.5022)

Have a look what the booklet for
XYZ(54.3010, 57.2789, 49.5022)
contains.

XYZ(54.2723, 57.3913, 49.2915)	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(54.2723, 57.3913,
49.2915)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7B0
RGB	208, 199, 176
RGB Percent	82%, 78%, 69%
CMY	0.1843, 0.2196, 0.3098
CMYK	0.00, 0.04, 0.15, 0.18
HSL	43°, 25%, 75%
HSV	43°, 15%, 82%
XYZ	54.2723, 57.3913, 49.2915
YIQ	199.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

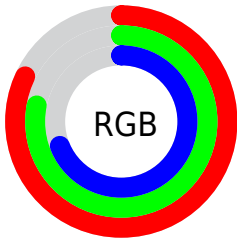
Format	Color
RYB	189, 208, 176
Decimal	13682608
CIELab	80.40, -0.70, 12.64
CIELCh	80, 12.657, 93.184
Yxy	57.3913, 0.3372, 0.3566
Android (android.graphics.Color)	4291872688 (0xFFD0C7B0)
YUV	199.0690, -11.3730, 7.8325
Hunter-Lab	75.7570, -4.6975, 14.4528

Details

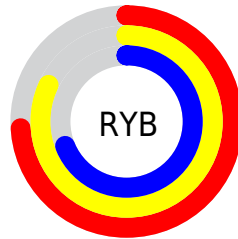
The XYZ color **54.2723, 57.3913, 49.2915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6385, 48.4811, 66.5746**, and the grayscale version is **54.3915, 57.2241, 62.3171**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **26.8374, 28.4532, 22.8164** is the 20% darker color. If you saturate the color by 10%, you get **51.0508, 53.9931, 38.8302**, and if you desaturate by 10%, it is **57.8640, 61.0242, 61.4334**.

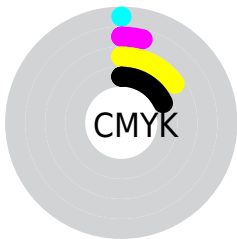
Distribution



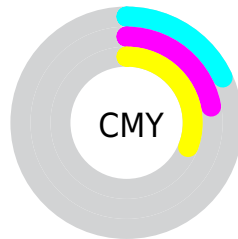
- Red (82%)
- Green (78%)
- Blue (69%)



- Red (74%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2723, 57.3913, 49.2915 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 54.2723, 57.3913, 49.2915 by changing the saturation by 10% instead.

■ 54.2723, 57.3913,
49.2915

■ 54.2723, 57.3913,
49.2915

393.3290,
414.9139, 400.5442

■ 39.0509, 41.3195,
34.4835

■ 95.6285, 101.0359,
90.5097

■ 26.9803, 28.5688,
22.9850

122.4940,
129.3775, 117.7570

■ 17.6949, 18.7549,
14.3772

153.9717,
162.5778, 149.9879

■ 10.8295, 11.4933,
8.2417

190.4268,
201.0213, 187.6208

■ 6.0188, 6.3997,
4.1600

232.2247,
245.0922, 231.0744

■ 2.8973, 3.0896,
1.7135

279.7308,

■ 1.0997, 1.1787,

295.1750, 280.7671

0.3700

333.3104,
351.6541, 337.1175

■ 0.0248, 0.0442,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2723, 57.3913,
49.2915

■ 54.2723, 57.3913,
49.2915

■ 51.0508, 53.9931,
38.8302

■ 57.8640, 61.0242,
61.4334

■ 48.1800, 50.8150,
29.9703

■ 61.8352, 64.8906,
75.3228

■ 45.6454, 47.8523,
22.6315

■ 66.2006, 68.9992,
91.0278

■ 43.4297, 45.0970,
16.7255

■ 70.2888, 73.0823,
105.0094

41.5137, 42.5406,
12.1543

71.8725, 76.2499,
105.5373

39.8760, 40.1735,
8.8079

73.5108, 79.5263,
106.0834

38.4916, 37.9847,
6.5584

75.2039, 82.9127,
106.6478

37.3303, 35.9611,
5.2494

76.9526, 86.4099,
107.2307

36.8437, 35.0722,
4.8277

78.7572, 90.0192,
107.8322

Harmonies

Analogous

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



56.8286, 57.3913, 50.5947



54.2723, 57.3913, 49.2915



51.8656, 57.3913, 51.2866

Triad

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



54.2723, 57.3913, 49.2915



50.4822, 57.3913, 70.6334



59.1195, 57.3913, 69.1536

Complementary

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



54.2723, 57.3913, 49.2915



46.6385, 48.4811, 66.5746

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.



57.3228, 57.3913, 75.2151



54.2723, 57.3913, 49.2915



52.3307, 57.3913, 76.1159

Square

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



54.2723, 57.3913, 49.2915



49.7214, 57.3913, 63.2857



54.8261, 57.3913, 77.8549



59.6788, 57.3913, 61.6998

Rectangle

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



54.2723, 57.3913, 49.2915



50.6545, 57.3913, 54.3188



54.8261, 57.3913, 77.8549



58.6375, 57.3913, 71.4407

Sweetspot

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



54.2738, 57.3938, 49.2927



91.9318, 96.9402, 98.0674



50.3024, 47.9670, 52.5439



19.5861, 20.6588, 20.6769



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.



54.2738, 57.3938, 49.2927



84.5419, 89.4302, 73.1925



54.4982, 60.6736, 49.9140



12.5108, 13.2124, 12.5029



23.0483, 22.0295, 3.0373



1.3540, 1.3623, 0.1916

Inverse Universe

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



46.6385, 48.4811, 66.5746



70.4950, 73.0343, 104.9893



46.4238, 45.6647, 66.0423



11.4304, 11.9511, 14.9480



8.1249, 4.8965, 37.7094



0.5219, 0.4090, 2.1310

Previews

White Background



This preview shows how the XYZ color 54.2723, 57.3913, 49.2915 looks on a white background.

Color Contrast Check

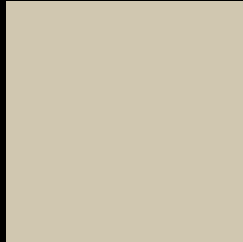
Large Text (above 18pt) WCAG AA × Fail

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 54.2723, 57.3913, 49.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

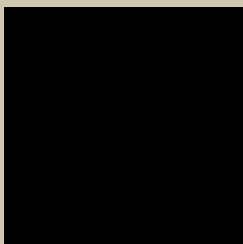
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

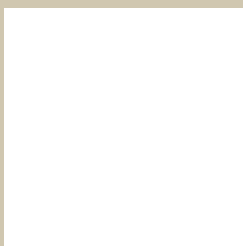
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2723, 57.3913, 49.2915

Background



This preview shows how black text looks on a background with the XYZ color 54.2723, 57.3913, 49.2915.

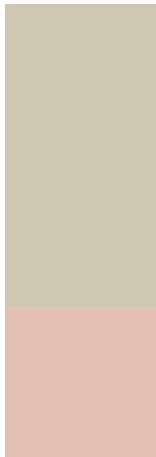


This preview shows how white text looks on a background with the XYZ color 54.2723, 57.3913,

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

54.2723, 57.3913, 49.2915

Protanopia

54.2723, 57.3913, 49.2915

Deuteranopia

58.4640, 57.2045, 49.5552



Tritanopia

58.2410, 57.3332, 68.3184

Trichromacy



Original Color

54.2723, 57.3913, 49.2915

Protanomaly

54.2723, 57.3913, 49.2915

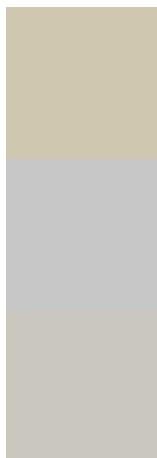
Deuteranomaly

56.9661, 57.4202, 49.6757

Tritanomaly

56.6819, 57.3600, 60.9074

Monochromacy



Original Color

54.2723, 57.3913, 49.2915

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1845, 57.1650, 57.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2723, 57.3913, 49.2915 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(208, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 176)  
}
```

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(208, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.2723, 57.3913, 49.2915 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(208, 199, 176) }
```


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

```
.border{ border-color:rgb(208, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2723, 57.3913, 49.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 176) }
```

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

```
.background{ background-color: rgb(208,  
199, 176) }
```

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