

Converting Colors

XYZ(54.5883, 49.7329, 56.5526)

Have a look what the booklet for
XYZ(54.5883, 49.7329, 56.5526)
contains.

| | |
|--|----|
| XYZ(54.6632, 49.8379, 56.6078) | 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(54.6632, 49.8379,
56.6078)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDAFC0 |
| RGB | 221, 175, 192 |
| RGB Percent | 87%, 69%, 75% |
| CMY | 0.1333, 0.3137, 0.2471 |
| CMYK | 0.00, 0.21, 0.13, 0.13 |
| HSL | 338°, 40%, 78% |
| HSV | 338°, 21%, 87% |
| XYZ | 54.6632, 49.8379, 56.6078 |
| YIQ | 190.6920, 21.9590, 15.0390 |

Conversions

Conversions Part 2

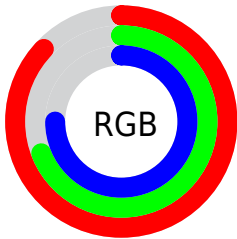
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 221, 175, 192 |
| Decimal | 14528448 |
| CIE Lab | 75.97, 19.38, -2.25 |
| CIE LCh | 76, 19.513, 353.379 |
| Yxy | 49.8379, 0.3393, 0.3093 |
| Android (android.graphics.Color) | 4292718528 (0xFFDDAFC0) |
| YUV | 190.6920, 0.6448, 26.5801 |
| Hunter-Lab | 70.5960, 14.6715, 1.8751 |

Details

The XYZ color **54.6632, 49.8379, 56.6078** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4367, 65.1878, 66.8432**, and the grayscale version is **49.3316, 51.9007, 56.5198**.

A 20% lighter version of the original color is **86.7592, 85.1891, 100.6774**, and **27.1368, 23.7825, 27.5863** is the 20% darker color. If you saturate the color by 10%, you get **49.2374, 41.3408, 47.5394**, and if you desaturate by 10%, it is **60.9419, 59.8058, 66.6828**.

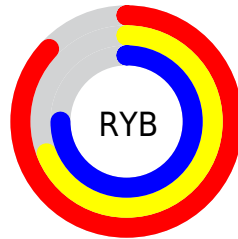
Distribution



Red (87%)

Green (69%)

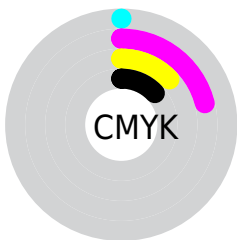
Blue (75%)



Red (87%)

Yellow (69%)

Blue (75%)

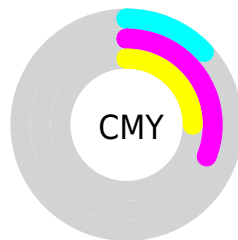


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6632, 49.8379, 56.6078 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 54.6632, 49.8379, 56.6078 by changing the saturation by 10% instead.

 54.6632, 49.8379,
56.6078

 54.6632, 49.8379,
56.6078


394.7912,
386.0317, 429.4306

 39.3649, 35.2846,
40.2832

 96.1985, 89.9347,
101.3873

 27.2257, 23.8822,
27.4439


123.1663,
116.2469, 130.6793

 17.8803, 15.2463,
17.6715


154.7545,
147.2476, 165.1309

 10.9632, 8.9924,
10.5474

191.3287,
183.3212, 205.1605

 6.1092, 4.7362,
5.6531

233.2540,
224.8520, 251.1867

 2.9529, 2.0933,
2.5699

280.8960,

 1.1289, 0.6609,

272.2244, 303.6281

0.8769

334.6200,
325.8228, 362.9032

■ 0.0491, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6632, 49.8379,
56.6078

■ 54.6632, 49.8379,
56.6078

■ 49.2374, 41.3408,
47.5394

■ 60.9419, 59.8058,
66.6828

■ 44.6221, 34.2378,
39.4419

■ 68.1051, 71.3030,
77.7925

■ 40.7774, 28.4552,
32.2817

■ 76.1878, 84.3931,
89.9674

■ 37.6582, 23.9100,
26.0220

■ 82.4815, 93.6532,
102.3225

■ 35.2145, 20.5097,
20.6231

■ 83.6290, 94.1123,
108.3655

■ 33.3894, 18.1483,
16.0418

■ 32.1159, 16.6999,
12.2299

■ 31.3292, 15.9763,
9.3479

Harmonies

Analogous

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



53.2084, 49.8379, 67.1141



54.6632, 49.8379, 56.6078



54.0847, 49.8379, 46.6973

Triad

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



54.6632, 49.8379, 56.6078



44.6475, 49.8379, 37.8751



43.3180, 49.8379, 71.9843

Complementary

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



54.6632, 49.8379, 56.6078



54.4367, 65.1878, 66.8432

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.



41.2343, 49.8379, 62.6091



54.6632, 49.8379, 56.6078



41.9740, 49.8379, 43.1704

Square

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



54.6632, 49.8379, 56.6078



48.1806, 49.8379, 36.6985



40.7552, 49.8379, 51.9878



46.5675, 49.8379, 76.6966

Rectangle

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



54.6632, 49.8379, 56.6078



52.6377, 49.8379, 41.6357



40.7552, 49.8379, 51.9878



42.4649, 49.8379, 69.2202

Sweetspot

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



54.6646, 49.8401, 56.6088



88.8473, 90.0179, 99.3619



53.1116, 48.6310, 74.9946



18.8784, 19.0452, 21.0522



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.



54.6646, 49.8401, 56.6088



72.1662, 63.5271, 72.6180



53.9538, 51.2604, 47.6108



13.2540, 13.1307, 14.5987



18.2497, 9.3009, 5.6948



1.2231, 0.6189, 0.5837

Inverse Universe

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



54.6646, 49.8401, 56.6088



72.1662, 63.5271, 72.6180



55.1940, 63.2598, 77.7085



13.2540, 13.1307, 14.5987



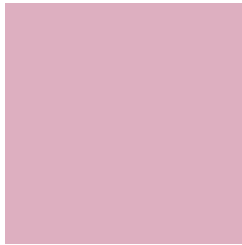
18.2497, 9.3009, 5.6948



1.2231, 0.6189, 0.5837

Previews

White Background



This preview shows how the XYZ color 54.6632, 49.8379, 56.6078 looks on a white background.

Color Contrast Check

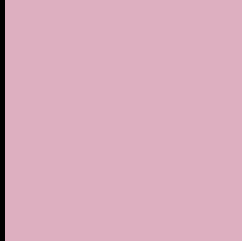
Large Text (above 18pt) WCAG AA × Fail

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 54.6632, 49.8379, 56.6078 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 54.6632, 49.8379, 56.6078

Background



This preview shows how black text looks on a background with the XYZ color 54.6632, 49.8379, 56.6078.



This preview shows how white text looks on a background with the XYZ color 54.6632, 49.8379,

56.6078.

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

54.6632, 49.8379, 56.6078

Protanopia

48.6067, 49.9327, 61.1090

Deuteranopia

51.0338, 50.0549, 56.2620



Tritanopia

54.3341, 49.7062, 54.8747

Trichromacy



Original Color

54.6632, 49.8379, 56.6078

Protanomaly

50.5112, 49.7208, 59.1594

Deuteranomaly

52.1024, 49.7034, 56.1378

Tritanomaly

54.4430, 49.7498, 55.4484

Monochromacy



Original Color

54.6632, 49.8379, 56.6078

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1101, 51.0161, 56.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6632, 49.8379, 56.6078 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(221, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 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(221, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.6632, 49.8379, 56.6078 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(221, 175, 192) }
```


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

```
.border{ border-color:rgb(221, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6632, 49.8379, 56.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 192) }
```

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

```
.background{ background-color: rgb(221,  
175, 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