

Converting Colors

XYZ(54.0349, 49.6819, 55.5100)

Have a look what the booklet for
XYZ(54.0349, 49.6819, 55.5100)
contains.

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Color

**XYZ(54.0330, 49.8284,
55.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB0BE
RGB	219, 176, 190
RGB Percent	86%, 69%, 75%
CMY	0.1412, 0.3098, 0.2549
CMYK	0.00, 0.20, 0.13, 0.14
HSL	340°, 37%, 77%
HSV	340°, 20%, 86%
XYZ	54.0330, 49.8284, 55.4852
YIQ	190.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

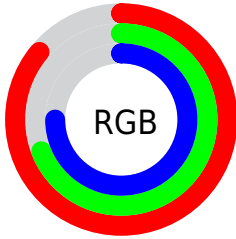
Format	Color
R _Y B	219, 176, 190
Decimal	14397630
CIE Lab	75.96, 17.80, -1.19
CIE LCh	76, 17.844, 356.177
Yxy	49.8284, 0.3391, 0.3127
Android (android.graphics.Color)	4292587710 (0xFFDDBB0BE)
YUV	190.4530, -0.2233, 25.0357
Hunter-Lab	70.5892, 13.1029, 2.8088

Details

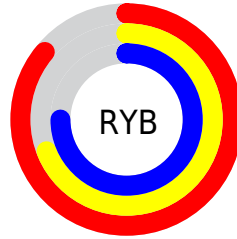
The XYZ color **54.0330, 49.8284, 55.4852** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2574, 64.3022, 67.3125**, and the grayscale version is **49.1986, 51.7608, 56.3675**.

A 20% lighter version of the original color is **86.7312, 85.6270, 99.1452**, and **26.9082, 23.8646, 26.8550** is the 20% darker color. If you saturate the color by 10%, you get **48.5471, 41.3103, 46.0910**, and if you desaturate by 10%, it is **60.3781, 59.8018, 65.9743**.

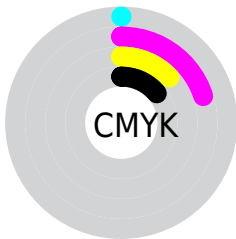
Distribution



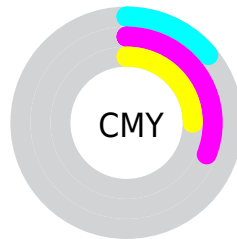
- Red (86%)
- Green (69%)
- Blue (75%)



- Red (86%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (14%)





- Cyan (14%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0330, 49.8284, 55.4852 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 54.0330, 49.8284, 55.4852 by changing the saturation by 10% instead.


 54.0330, 49.8284,
55.4852

 54.0330, 49.8284,
55.4852


392.4321,
385.9945, 425.0822

 38.8588, 35.2771,
39.3891

 95.2793, 89.9206,
99.7298

 26.8301, 23.8764,
26.7524

122.0821,
116.2302, 128.7153

 17.5816, 15.2419,
17.1566


153.4919,
147.2281, 162.8344

 10.7479, 8.9894,
10.1830

189.8740,
183.2985, 202.5056

 5.9636, 4.7342,
5.4133

231.5937,
224.8260, 248.1474

 2.8634, 2.0922,
2.4288

279.0163,

 1.0820, 0.6602,

272.1949, 300.1785

0.8021

332.5074,
325.7896, 359.0172

■ 0.0099, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0330, 49.8284,
55.4852

■ 54.0330, 49.8284,
55.4852

■ 48.5471, 41.3103,
46.0910

■ 60.3781, 59.8018,
65.9743

■ 43.8782, 34.1725,
37.7519

■ 67.6137, 71.2876,
77.5898

■ 39.9866, 28.3436,
30.4303

■ 75.7747, 84.3478,
90.3660

■ 36.8278, 23.7427,
24.0849

■ 82.0859, 93.4251,
103.3991

■ 34.3524, 20.2802,
18.6714

■ 83.0237, 93.8002,
108.3372

■ 32.5044, 17.8539,
14.1413

■ 31.2184, 16.3430,
10.4412

■ 30.3866, 15.5434,
7.5009

■ 30.3603, 15.5189,
7.4054

Harmonies

Analogous

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



52.8750, 49.8284, 65.1027



54.0330, 49.8284, 55.4852



53.3353, 49.8284, 46.5686

Triad

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



54.0330, 49.8284, 55.4852



44.5946, 49.8284, 39.4203



43.8887, 49.8284, 70.9391

Complementary

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



54.0330, 49.8284, 55.4852



54.2574, 64.3022, 67.3125

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.



41.8492, 49.8284, 62.7431



54.0330, 49.8284, 55.4852



42.2432, 49.8284, 44.6840

Square

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



54.0330, 49.8284, 55.4852



47.7881, 49.8284, 37.9535



41.2611, 49.8284, 53.0424



46.9352, 49.8284, 74.6604

Rectangle

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



54.0330, 49.8284, 55.4852



51.9286, 49.8284, 42.0830



41.2611, 49.8284, 53.0424



43.0683, 49.8284, 68.5724

Sweetspot

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



54.0344, 49.8306, 55.4862



88.7445, 89.9768, 98.8206



53.3982, 49.0993, 73.6811



18.8541, 19.0355, 20.9245



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.



54.0344, 49.8306, 55.4862



72.5894, 64.5954, 72.0746



54.0195, 52.1326, 48.2924



13.2299, 13.1211, 14.4719



18.0469, 9.2198, 4.6272



1.2080, 0.6128, 0.5044

Inverse Universe

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



54.0344, 49.8306, 55.4862



72.5894, 64.5954, 72.0746



54.1942, 61.3497, 76.0038



13.2299, 13.1211, 14.4719



18.0469, 9.2198, 4.6272



1.2080, 0.6128, 0.5044

Previews

White Background



This preview shows how the XYZ color 54.0330, 49.8284, 55.4852 looks on a white background.

Color Contrast Check

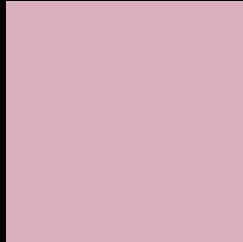
Large Text (above 18pt) WCAG AA × Fail

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 54.0330, 49.8284, 55.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

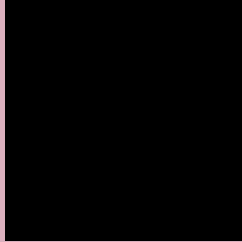
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0330, 49.8284, 55.4852

Background



This preview shows how black text looks on a background with the XYZ color 54.0330, 49.8284, 55.4852.



This preview shows how white text looks on a background with the XYZ color 54.0330, 49.8284,

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

54.0330, 49.8284, 55.4852

Protanopia

48.2617, 49.7947, 59.2922

Deuteranopia

51.0901, 50.1092, 55.1234



Tritanopia

54.0330, 49.8284, 55.4852

Trichromacy



Original Color

54.0330, 49.8284, 55.4852

Protanomaly

50.0187, 49.4931, 57.9558

Deuteranomaly

52.0849, 50.0183, 55.0534

Tritanomaly

54.0330, 49.8284, 55.4852

Monochromacy



Original Color

54.0330, 49.8284, 55.4852

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.7306, 50.8331, 55.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0330, 49.8284, 55.4852 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(219, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(219, 176, 190)  
}
```

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(219, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 176, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.0330, 49.8284, 55.4852 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(219, 176, 190) }
```


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

```
.border{ border-color:rgb(219, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(219, 176,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0330, 49.8284, 55.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 176, 190) }
```

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

```
.background{ background-color: rgb(219,  
176, 190) }
```

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](#).

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