

Converting Colors

XYZ(54.6944, 49.6762, 60.6661)

Have a look what the booklet for
XYZ(54.6944, 49.6762, 60.6661)
contains.

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Color

**XYZ(54.8522, 49.8435,
60.7626)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAFC7
RGB	219, 175, 199
RGB Percent	86%, 69%, 78%
CMY	0.1412, 0.3137, 0.2196
CMYK	0.00, 0.20, 0.09, 0.14
HSL	327°, 38%, 77%
HSV	327°, 20%, 86%
XYZ	54.8522, 49.8435, 60.7626
YIQ	190.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

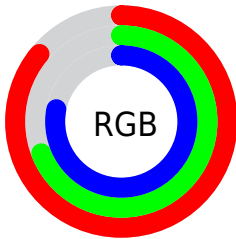
Format	Color
R _Y B	219, 175, 199
Decimal	14397383
CIE Lab	75.97, 19.85, -6.09
CIE LCh	76, 20.759, 342.952
Yxy	49.8435, 0.3315, 0.3012
Android (android.graphics.Color)	4292587463 (0xFFDBAFC7)
YUV	190.8920, 3.9972, 24.6507
Hunter-Lab	70.5999, 15.1346, -1.6086

Details

The XYZ color **54.8522, 49.8435, 60.7626** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8630, 63.7185, 61.1454**, and the grayscale version is **49.4299, 52.0041, 56.6325**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **27.3802, 23.8559, 29.9496** is the 20% darker color. If you saturate the color by 10%, you get **49.8124, 41.5532, 53.5653**, and if you desaturate by 10%, it is **60.6617, 59.5510, 68.5907**.

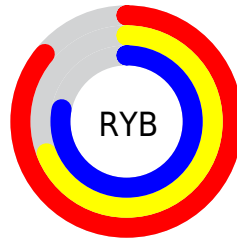
Distribution



Red (86%)

Green (69%)

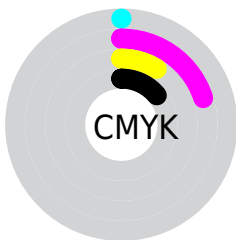
Blue (78%)



Red (86%)

Yellow (69%)

Blue (78%)

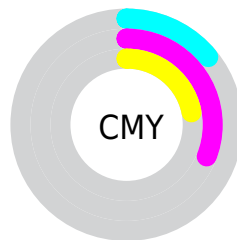


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8522, 49.8435, 60.7626 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 54.8522, 49.8435, 60.7626 by changing the saturation by 10% instead.

■ 54.8522, 49.8435,
60.7626

■ 54.8522, 49.8435,
60.7626

395.4970,
386.0536, 445.2855

■ 39.5168, 35.2891,
43.6043

■ 96.4740, 89.9430,
107.4893

■ 27.3445, 23.8856,
30.0246

123.4910,
116.2568, 137.8948

■ 17.9701, 15.2488,
19.6051

155.1326,
147.2592, 173.5531

■ 11.0280, 8.9942,
11.9271

191.7642,
183.3345, 214.8827

■ 6.1531, 4.7374,
6.5721

233.7511,
224.8673, 262.3022

■ 2.9800, 2.0940,
3.1216

281.4586,

■ 1.1432, 0.6613,

272.2418, 316.2301

1.1571

335.2521,
325.8424, 377.0850

■ 0.0608, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8522, 49.8435,
60.7626

■ 54.8522, 49.8435,
60.7626

■ 49.8124, 41.5532,
53.5653

■ 60.6617, 59.5510,
68.5907

■ 45.5034, 34.6062,
46.9771

■ 67.2691, 70.7316,
77.0643

■ 41.8891, 28.9323,
40.9793

■ 74.7063, 83.4463,
86.2011

■ 38.9284, 24.4518,
35.5505

■ 80.5276, 92.8018,
95.1925

■ 36.5759, 21.0761,
30.6680

■ 82.0381, 93.4060,
103.1467

■ 34.7796, 18.7042,
26.3063

■ 83.0237, 93.8002,
108.3372

■ 33.4783, 17.2161,
22.4367

■ 32.5704, 16.4029,
19.0432

Harmonies

Analogous

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



52.6289, 49.8435, 71.4139



54.8522, 49.8435, 60.7626



55.0041, 49.8435, 49.6325

Triad

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



54.8522, 49.8435, 60.7626



45.7261, 49.8435, 36.0366



42.1337, 49.8435, 70.1284

Complementary

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



54.8522, 49.8435, 60.7626



52.8630, 63.7185, 61.1454

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.



40.4857, 49.8435, 59.1900



54.8522, 49.8435, 60.7626



42.4824, 49.8435, 40.1178

Square

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



54.8522, 49.8435, 60.7626



49.5903, 49.8435, 36.3375



40.6097, 49.8435, 48.2592



45.2262, 49.8435, 77.3056

Rectangle

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



54.8522, 49.8435, 60.7626



53.8982, 49.8435, 43.4834



40.6097, 49.8435, 48.2592



41.4001, 49.8435, 66.7099

Sweetspot

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



54.8536, 49.8457, 60.7637



89.2621, 90.1838, 101.5460



50.5722, 47.3523, 73.4931



18.9764, 19.0844, 21.5681



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.



54.8536, 49.8457, 60.7637



74.3772, 65.3106, 81.4891



52.5009, 48.9046, 48.3745



13.3516, 13.1698, 15.1129



19.3685, 9.7484, 11.5863



1.2981, 0.6489, 0.9785

Inverse Universe

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



54.8536, 49.8457, 60.7637



74.3772, 65.3106, 81.4891



55.5107, 64.7776, 75.0878



13.3516, 13.1698, 15.1129



19.3685, 9.7484, 11.5863



1.2981, 0.6489, 0.9785

Previews

White Background



This preview shows how the XYZ color 54.8522, 49.8435, 60.7626 looks on a white background.

Color Contrast Check

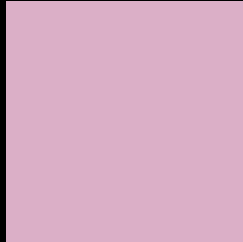
Large Text (above 18pt) WCAG AA × Fail

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 54.8522, 49.8435, 60.7626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

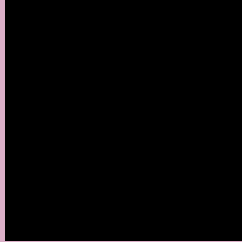
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8522, 49.8435, 60.7626

Background



This preview shows how black text looks on a background with the XYZ color 54.8522, 49.8435, 60.7626.



This preview shows how white text looks on a background with the XYZ color 54.8522, 49.8435,

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

54.8522, 49.8435, 60.7626

Protanopia

48.7071, 49.8883, 65.4548

Deuteranopia

51.0084, 49.9506, 60.3791



Tritanopia

53.7330, 49.6738, 55.4712

Trichromacy



Original Color

54.8522, 49.8435, 60.7626

Protanomaly

50.5334, 49.6380, 63.4176

Deuteranomaly

52.3256, 49.7273, 60.2666

Tritanomaly

54.0644, 49.8063, 57.2162

Monochromacy



Original Color

54.8522, 49.8435, 60.7626

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1740, 51.0105, 58.1878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8522, 49.8435, 60.7626 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, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 199)  
}
```

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, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.8522, 49.8435, 60.7626 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, 175, 199) }
```


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

```
.border{ border-color:rgb(219, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8522, 49.8435, 60.7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 199) }
```

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

```
.background{ background-color: rgb(219,  
175, 199) }
```

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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