

Converting Colors

XYZ(54.3747, 49.6357, 57.3618)

Have a look what the booklet for
XYZ(54.3747, 49.6357, 57.3618)
contains.

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Color

**XYZ(54.4708, 49.7258,
57.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAFC1
RGB	220, 175, 193
RGB Percent	86%, 69%, 76%
CMY	0.1373, 0.3137, 0.2431
CMYK	0.00, 0.20, 0.12, 0.14
HSL	336°, 39%, 77%
HSV	336°, 20%, 86%
XYZ	54.4708, 49.7258, 57.1792
YIQ	190.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

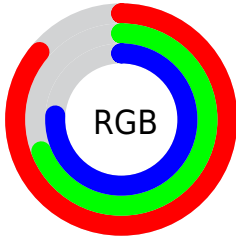
Format	Color
R _Y B	220, 175, 193
Decimal	14462913
CIE Lab	75.90, 19.19, -2.91
CIE LCh	76, 19.411, 351.384
Yxy	49.7258, 0.3375, 0.3081
Android (android.graphics.Color)	4292652993 (0xFFDCAFC1)
YUV	190.5070, 1.2290, 25.8654
Hunter-Lab	70.5165, 14.4792, 1.2855

Details

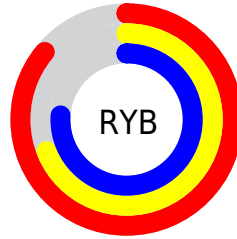
The XYZ color **54.4708, 49.7258, 57.1792** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9350, 64.5659, 65.4999**, and the grayscale version is **49.2217, 51.7851, 56.3939**.

A 20% lighter version of the original color is **86.9148, 85.2514, 101.4968**, and **27.0030, 23.7050, 27.9633** is the 20% darker color. If you saturate the color by 10%, you get **49.1254, 41.2870, 48.4533**, and if you desaturate by 10%, it is **60.6481, 59.6167, 66.8322**.

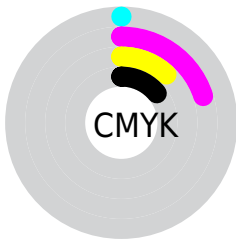
Distribution



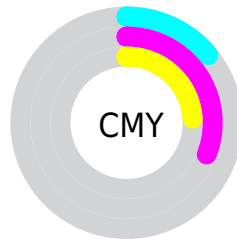
- Red (86%)
- Green (69%)
- Blue (76%)



- Red (86%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4708, 49.7258, 57.1792 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 54.4708, 49.7258, 57.1792 by changing the saturation by 10% instead.


 54.4708, 49.7258,
57.1792

 54.4708, 49.7258,
57.1792


394.0719,
385.5927, 431.6330

 39.2104, 35.1956,
40.7388

 95.9180, 89.7685,
102.2295

 27.1049, 23.8136,
27.7969


122.8355,
116.0497, 131.6766

 17.7890, 15.1954,
17.9349


154.3693,
147.0168, 166.2963

 10.8974, 8.9566,
10.7343

190.8850,
183.0540, 206.5071

 6.0646, 4.7129,
5.7766

232.7477,
224.5458, 252.7277

 2.9255, 2.0798,
2.6431

280.3228,

 1.1145, 0.6532,

271.8766, 305.3765

0.9146

333.9758,
325.4308, 364.8721

■ 0.0372, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4708, 49.7258,
57.1792

■ 54.4708, 49.7258,
57.1792

■ 49.1254, 41.2870,
48.4533

■ 60.6481, 59.6167,
66.8322

■ 44.5705, 34.2249,
40.6220

■ 67.6878, 71.0173,
77.4369

■ 40.7673, 28.4672,
33.6555

■ 75.6239, 83.9902,
89.0209

■ 37.6722, 23.9322,
27.5208

■ 81.8802, 93.3777,
100.7407

■ 35.2365, 20.5291,
22.1824

■ 83.3255, 93.9558,
108.3513

■ 33.4051, 18.1541,
17.6017

■ 32.1128, 16.6839,
13.7354

■ 31.2765, 15.9202,
10.6547

Harmonies

Analogous

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



52.9023, 49.7258, 67.5356



54.4708, 49.7258, 57.1792



54.0324, 49.7258, 47.2068

Triad

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



54.4708, 49.7258, 57.1792



44.7745, 49.7258, 37.6472



43.0578, 49.7258, 71.2265

Complementary

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



54.4708, 49.7258, 57.1792



53.9350, 64.5659, 65.4999

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.



41.0838, 49.7258, 61.7272



54.4708, 49.7258, 57.1792



42.0392, 49.7258, 42.6493

Square

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



54.4708, 49.7258, 57.1792



48.3115, 49.7258, 36.7555



40.7206, 49.7258, 51.2161



46.2296, 49.7258, 76.2965

Rectangle

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



54.4708, 49.7258, 57.1792



52.6701, 49.7258, 42.0245



40.7206, 49.7258, 51.2161



42.2390, 49.7258, 68.3923

Sweetspot

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



54.4722, 49.7280, 57.1802



88.9187, 90.0464, 99.7376



52.6072, 48.3862, 74.2776



18.8952, 19.0520, 21.1409



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.



54.4722, 49.7280, 57.1802



72.4168, 63.6273, 73.9376



53.4753, 50.7540, 47.5381



13.2707, 13.1374, 14.6868



18.4073, 9.3640, 6.5248



1.2343, 0.6234, 0.6430

Inverse Universe

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



54.4722, 49.7280, 57.1802



72.4168, 63.6273, 73.9376



55.0270, 63.1385, 76.9975



13.2707, 13.1374, 14.6868



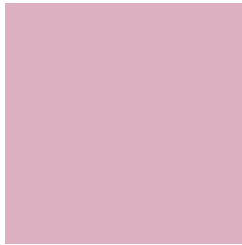
18.4073, 9.3640, 6.5248



1.2343, 0.6234, 0.6430

Previews

White Background



This preview shows how the XYZ color 54.4708, 49.7258, 57.1792 looks on a white background.

Color Contrast Check

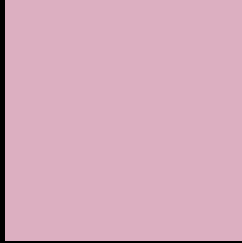
Large Text (above 18pt) WCAG AA × Fail

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 54.4708, 49.7258, 57.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

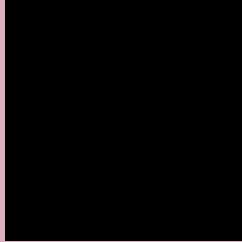
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4708, 49.7258, 57.1792

Background



This preview shows how black text looks on a background with the XYZ color 54.4708, 49.7258, 57.1792.



This preview shows how white text looks on a background with the XYZ color 54.4708, 49.7258,

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

54.4708, 49.7258, 57.1792

Protanopia

48.4777, 49.8527, 61.7111

Deuteranopia

50.8710, 49.9582, 56.8309



Tritanopia

54.2258, 49.9404, 54.9256

Trichromacy



Original Color

54.4708, 49.7258, 57.1792

Protanomaly

50.3592, 49.6292, 59.7485

Deuteranomaly

51.9290, 49.6013, 56.7062

Tritanomaly

54.3348, 49.9840, 55.4993

Monochromacy



Original Color

54.4708, 49.7258, 57.1792

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2205, 51.0603, 57.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4708, 49.7258, 57.1792 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(220, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 175, 193)  
}
```

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(220, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 175, 193) }
```

Border

The CSS property to change the border of an element to XYZ 54.4708, 49.7258, 57.1792 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(220, 175, 193) }
```


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

```
.border{ border-color:rgb(220, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 175,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4708, 49.7258, 57.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 175, 193) }
```

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

```
.background{ background-color: rgb(220,  
175, 193) }
```

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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