

Converting Colors

XYZ(54.2049, 49.7253, 50.9970)

Have a look what the booklet for
XYZ(54.2049, 49.7253, 50.9970)
contains.

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Color

**XYZ(54.2049, 49.7253,
50.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAFB6
RGB	223, 175, 182
RGB Percent	87%, 69%, 71%
CMY	0.1255, 0.3137, 0.2863
CMYK	0.00, 0.22, 0.18, 0.13
HSL	351°, 43%, 78%
HSV	351°, 22%, 87%
XYZ	54.2049, 49.7253, 50.9970
YIQ	190.1500, 26.3610, 12.3530

Conversions

Conversions Part 2

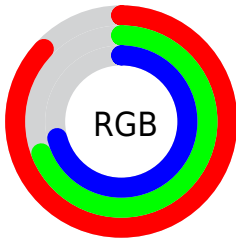
Format	Color
R_{YB}	223, 175, 182
Decimal	14659510
CIE _{Lab}	75.90, 18.52, 3.13
CIE _{LCh}	76, 18.779, 9.594
Yxy	49.7253, 0.3499, 0.3210
Android (android.graphics.Color)	4292849590 (0xFFDFAFB6)
YUV	190.1500, -4.0179, 28.8095
Hunter-Lab	70.5162, 13.8074, 6.4830

Details

The XYZ color **54.2049, 49.7253, 50.9970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4636, 66.8484, 74.8961**, and the grayscale version is **49.0429, 51.5969, 56.1890**.

A 20% lighter version of the original color is **85.2485, 84.5849, 92.7224**, and **26.8583, 23.7195, 23.9316** is the 20% darker color. If you saturate the color by 10%, you get **48.3812, 41.0168, 39.9947**, and if you desaturate by 10%, it is **61.0159, 59.9789, 63.6509**.

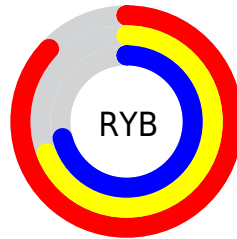
Distribution



Red (87%)

Green (69%)

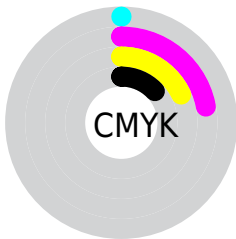
Blue (71%)



Red (87%)

Yellow (69%)

Blue (71%)

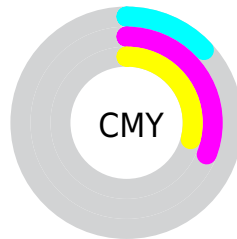


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2049, 49.7253, 50.9970 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 54.2049, 49.7253, 50.9970 by changing the saturation by 10% instead.


 54.2049, 49.7253,
50.9970

 54.2049, 49.7253,
50.9970


393.0765,
385.5907, 407.3984

 38.9968, 35.1952,
35.8295

 95.5302, 89.7677,
93.0618

 26.9380, 23.8133,
24.0139


122.3781,
116.0488, 120.7962

 17.6630, 15.1952,
15.1316

153.8366,
147.0157, 153.5566

 10.8065, 8.9565,
8.7642

190.2711,
183.0528, 191.7616

 6.0032, 4.7128,
4.4930

232.0471,
224.5444, 235.8298

 2.8877, 2.0798,
1.8995

279.5297,

 1.0947, 0.6532,

271.8750, 286.1796

0.4924

333.0844,
325.4290, 343.2296

■ 0.0206, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2049, 49.7253,
50.9970

■ 54.2049, 49.7253,
50.9970

■ 48.3812, 41.0168,
39.9947

■ 61.0159, 59.9789,
63.6509

■ 43.4948, 33.7720,
30.5725

■ 68.8530, 71.8403,
78.0175

■ 39.4976, 27.9123,
22.6585

■ 77.7578, 85.3770,
94.1587

■ 36.3352, 23.3491,
16.1737

■ 84.2416, 94.4281,
108.3942

■ 33.9475, 19.9834,
11.0320

■ 32.2661, 17.7019,
7.1378

■ 31.2100, 16.3695,
4.3823

■ 30.6993, 15.7951,
2.8335

Harmonies

Analogous

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



53.8465, 49.7253, 61.1359



54.2049, 49.7253, 50.9970



52.6337, 49.7253, 42.7765

Triad

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



54.2049, 49.7253, 50.9970



43.1064, 49.7253, 40.6216



44.9572, 49.7253, 74.2636

Complementary

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



54.2049, 49.7253, 50.9970



56.4636, 66.8484, 74.8961

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.



42.2696, 49.7253, 67.3619



54.2049, 49.7253, 50.9970



41.2382, 49.7253, 47.7037

Square

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



54.2049, 49.7253, 50.9970



46.1510, 49.7253, 37.2926



40.9395, 49.7253, 57.4145



48.3915, 49.7253, 75.4287

Rectangle

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



54.2049, 49.7253, 50.9970



50.7468, 49.7253, 39.1786



40.9395, 49.7253, 57.4145



43.9413, 49.7253, 72.5005

Sweetspot

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



54.2063, 49.7276, 50.9980



88.3284, 89.8103, 96.6291



56.9106, 50.5585, 76.5718



18.7561, 18.9963, 20.4079



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.



54.2063, 49.7276, 50.9980



69.6082, 61.6203, 61.8716



56.9766, 56.3966, 48.4428



13.7882, 13.7329, 14.6550



18.0757, 9.2973, 1.7986



1.2789, 0.6549, 0.2618

Inverse Universe

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



54.2063, 49.7276, 50.9980



69.6082, 61.6203, 61.8716



53.1198, 58.6824, 78.3397



13.7882, 13.7329, 14.6550



18.0757, 9.2973, 1.7986



1.2789, 0.6549, 0.2618

Previews

White Background



This preview shows how the XYZ color 54.2049, 49.7253, 50.9970 looks on a white background.

Color Contrast Check

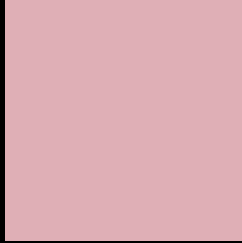
Large Text (above 18pt) WCAG AA × Fail

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 54.2049, 49.7253, 50.9970 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 54.2049, 49.7253, 50.9970

Background



This preview shows how black text looks on a background with the XYZ color 54.2049, 49.7253, 50.9970.



This preview shows how white text looks on a background with the XYZ color 54.2049, 49.7253,

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

54.2049, 49.7253, 50.9970

Protanopia

47.8712, 49.6958, 54.6461

Deuteranopia

50.8768, 49.7938, 50.6457



Tritanopia

54.9536, 49.7502, 54.2833

Trichromacy



Original Color

54.2049, 49.7253, 50.9970

Protanomaly

49.9480, 49.5576, 53.3874

Deuteranomaly

51.9012, 49.7225, 50.5780

Tritanomaly

54.7394, 49.6646, 53.1555

Monochromacy



Original Color

54.2049, 49.7253, 50.9970

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6757, 50.8423, 54.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2049, 49.7253, 50.9970 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(223, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 182)  
}
```

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(223, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.2049, 49.7253, 50.9970 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(223, 175, 182) }
```


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

```
.border{ border-color:rgb(223, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(223, 175,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2049, 49.7253, 50.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 182) }
```

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

```
.background{ background-color: rgb(223,  
175, 182) }
```

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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