

Converting Colors

XYZ(54.5086, 48.7822, 61.8013)

Have a look what the booklet for
XYZ(54.5086, 48.7822, 61.8013)
contains.

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Color

**XYZ(54.5086, 48.7822,
61.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	DBACC9
RGB	219, 172, 201
RGB Percent	86%, 67%, 79%
CMY	0.1412, 0.3255, 0.2118
CMYK	0.00, 0.21, 0.08, 0.14
HSL	323°, 39%, 77%
HSV	323°, 21%, 86%
XYZ	54.5086, 48.7822, 61.8013
YIQ	189.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

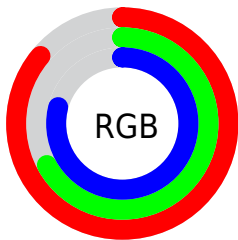
Format	Color
R_{YB}	219, 172, 201
Decimal	14396617
CIE _{Lab}	75.32, 21.81, -8.15
CIE _{LCh}	75, 23.284, 339.505
Yxy	48.7822, 0.3302, 0.2955
Android (android.graphics.Color)	4292586697 (0xFFDBACC9)
YUV	189.3590, 5.7390, 25.9952
Hunter-Lab	69.8443, 17.0794, -3.5714

Details

The XYZ color **54.5086, 48.7822, 61.8013** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.6411, 63.1528, 58.1862**, and the grayscale version is **48.5372, 51.0649, 55.6097**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **27.1731, 23.1927, 30.6482** is the 20% darker color. If you saturate the color by 10%, you get **49.7194, 40.7395, 55.4690**, and if you desaturate by 10%, it is **60.0414, 58.2244, 68.6484**.

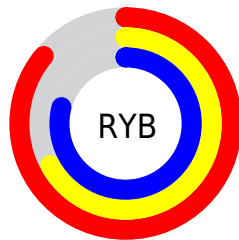
Distribution



Red (86%)

Green (67%)

Blue (79%)



Red (86%)

Yellow (67%)

Blue (79%)

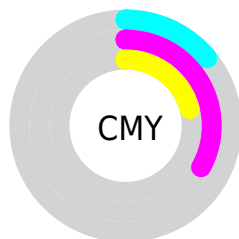


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5086, 48.7822, 61.8013 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 54.5086, 48.7822, 61.8013 by changing the saturation by 10% instead.


 54.5086, 48.7822,
61.8013

 54.5086, 48.7822,
61.8013


394.2133,
381.8843, 449.1936

 39.2407, 34.4467,
44.4374


 95.9731, 88.3679,
109.0071

 27.1286, 23.2370,
30.6748


122.9005,
114.3869, 139.6861

 17.8069, 14.7686,
20.0950


154.4450,
145.0692, 175.6406

 10.9103, 8.6572,
12.2793

190.9722,
180.7992, 217.2890

 6.0734, 4.5182,
6.8094

232.8472,
221.9614, 265.0500

 2.9308, 1.9675,
3.2665

280.4355,

 1.1173, 0.5885,

268.9400, 319.3421

1.2323

334.1024,
322.1195, 380.5837

■ 0.0395, 0.0000,
0.0053

■ 0.0000, 0.0000,
0.0000

■ 54.5086, 48.7822,
61.8013

■ 54.5086, 48.7822,
61.8013

■ 49.7194, 40.7395,
55.4690

■ 60.0414, 58.2244,
68.6484

■ 45.6350, 34.0223,
49.6329

■ 66.3456, 69.1226,
76.0221

■ 42.2196, 28.5594,
44.2770

■ 73.4528, 81.5381,
83.9375

■ 39.4322, 24.2706,
39.3835

■ 79.9047, 92.5526,
91.9123

■ 37.2273, 21.0660,
34.9326

■ 81.1426, 93.0478,
98.4309

■ 35.5525, 18.8427,
30.9022

■ 82.4383, 93.5661,
105.2543

■ 34.3456, 17.4776,
27.2667

■ 83.0238, 93.8003,
108.3372

■ 33.5955, 16.8129,
24.4408

Harmonies

Analogous

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



51.7999, 48.7822, 73.4519



54.5086, 48.7822, 61.8013



54.9642, 48.7822, 49.3185

Triad

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



54.5086, 48.7822, 61.8013



45.0205, 48.7822, 33.0986



40.3025, 48.7822, 69.5612

Complementary

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



54.5086, 48.7822, 61.8013



51.6411, 63.1528, 58.1862

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.



38.7148, 48.7822, 57.1026



54.5086, 48.7822, 61.8013



41.3261, 48.7822, 36.9287

Square

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



54.5086, 48.7822, 61.8013



49.3072, 48.7822, 33.9582



39.0776, 48.7822, 45.2843



43.5442, 48.7822, 78.3886

Rectangle

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



54.5086, 48.7822, 61.8013



53.9024, 48.7822, 42.3344



39.0776, 48.7822, 45.2843



39.5670, 48.7822, 65.5873

Sweetspot

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



54.5100, 48.7844, 61.8023



89.4326, 90.2520, 102.4437



48.5850, 45.4707, 73.2347



19.0167, 19.1005, 21.7803



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.



54.5100, 48.7844, 61.8023



73.6008, 63.2173, 82.8963



52.0304, 47.7925, 48.7450



13.3920, 13.1859, 15.3256



19.9752, 9.9911, 14.7816



1.3357, 0.6639, 1.1765

Inverse Universe

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



54.5100, 48.7844, 61.8023



73.6008, 63.2173, 82.8963



54.3229, 64.2255, 72.3083



13.3920, 13.1859, 15.3256



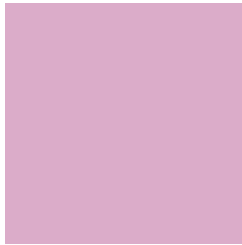
19.9752, 9.9911, 14.7816



1.3357, 0.6639, 1.1765

Previews

White Background



This preview shows how the XYZ color 54.5086, 48.7822, 61.8013 looks on a white background.

Color Contrast Check

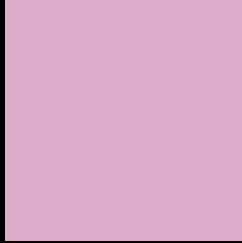
Large Text (above 18pt) WCAG AA × Fail

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 54.5086, 48.7822, 61.8013 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 54.5086, 48.7822, 61.8013

Background



This preview shows how black text looks on a background with the XYZ color 54.5086, 48.7822, 61.8013.



This preview shows how white text looks on a background with the XYZ color 54.5086, 48.7822,

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

54.5086, 48.7822, 61.8013

Protanopia

47.9405, 48.8295, 67.2199

Deuteranopia

49.9188, 48.7718, 60.8157



Tritanopia

52.8284, 48.6547, 54.1839

Trichromacy



Original Color

54.5086, 48.7822, 61.8013

Protanomaly

49.9675, 48.7008, 65.1592

Deuteranomaly

51.6011, 48.7362, 61.3309

Tritanomaly

53.4827, 48.6428, 57.0222

Monochromacy



Original Color

54.5086, 48.7822, 61.8013

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.3785, 49.9966, 57.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5086, 48.7822, 61.8013 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, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 201)  
}
```

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, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.5086, 48.7822, 61.8013 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, 172, 201) }
```


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

```
.border{ border-color:rgb(219, 172, 201) }
```

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

Here you see how a box with a 4 pixel rgb(219, 172, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5086, 48.7822, 61.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 201) }
```

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

```
.background{ background-color: rgb(219,  
172, 201) }
```

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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