

Converting Colors

XYZ(53.4777, 46.1117, 58.9052)

Have a look what the booklet for
XYZ(53.4777, 46.1117, 58.9052)
contains.

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Color

**XYZ(53.4777, 46.1117,
58.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA4C5
RGB	222, 164, 197
RGB Percent	87%, 64%, 77%
CMY	0.1294, 0.3568, 0.2274
CMYK	0.00, 0.26, 0.11, 0.13
HSL	326°, 47%, 76%
HSV	326°, 26%, 87%
XYZ	53.4777, 46.1117, 58.9052
YIQ	185.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

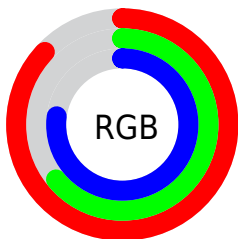
Format	Color
R _Y B	222, 164, 197
Decimal	14591173
CIE Lab	73.62, 26.49, -8.45
CIE LCh	74, 27.807, 342.307
Yxy	46.1117, 0.3374, 0.2909
Android (android.graphics.Color)	4292781253 (0xFFDEA4C5)
YUV	185.1040, 5.8647, 32.3578
Hunter-Lab	67.9056, 21.7393, -3.8976

Details

The XYZ color **53.4777, 46.1117, 58.9052** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6183, 63.8105, 57.7958**, and the grayscale version is **46.1321, 48.5346, 52.8541**.

A 20% lighter version of the original color is **84.4609, 79.0788, 104.5781**, and **26.4780, 21.6785, 28.7754** is the 20% darker color. If you saturate the color by 10%, you get **48.7844, 38.4242, 52.1016**, and if you desaturate by 10%, it is **58.9367, 55.2181, 66.3086**.

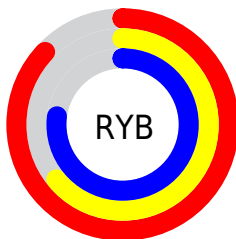
Distribution



Red (87%)

Green (64%)

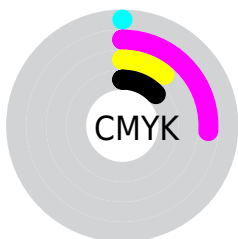
Blue (77%)



Red (87%)

Yellow (64%)

Blue (77%)

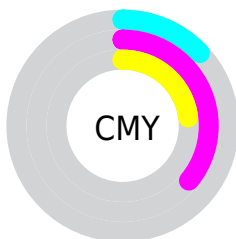


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4777, 46.1117, 58.9052 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 53.4777, 46.1117, 58.9052 by changing the saturation by 10% instead.


 53.4777, 46.1117,
58.9052


 53.4777, 46.1117,
58.9052


390.3461,
371.2575, 438.2426

 38.4133, 32.3340,
42.1173


 94.4683, 84.3861,
104.7676

 26.4823, 21.6167,
28.8669


 121.1252,
109.6516, 134.6793

 17.3193, 13.5755,
18.7354


152.3770,
139.5152, 169.8025

 10.5591, 7.8261,
11.3044

188.5889,
174.3612, 210.5560

 5.8363, 3.9838,
6.1552

230.1265,
214.5740, 257.3582

 2.7855, 1.6645,
2.8694

277.3550,

 1.0414, 0.4005,

260.5381, 310.6277

1.0283

330.6397,
312.6378, 370.7830

■ 0.0000, 0.0000,
0.0000

■ 53.4777, 46.1117,
58.9052

■ 53.4777, 46.1117,
58.9052

■ 48.7844, 38.4242,
52.1016

■ 58.9367, 55.2181,
66.3086

■ 44.8156, 32.0767,
45.8761

■ 65.1922, 65.8046,
74.3265

■ 41.5318, 26.9922,
40.2097

■ 72.2778, 77.9360,
82.9768

■ 38.8884, 23.0833,
35.0806

■ 80.2243, 91.6719,
92.2755

■ 36.8348, 20.2512,
30.4652

■ 82.3429, 93.6331,
99.9988

■ 35.3123, 18.3807,
26.3367

■ 83.8411, 94.2324,
107.8879

■ 34.2481, 17.3286,
22.6635

■ 83.9345, 94.2697,
108.3798

■ 33.9101, 17.0440,
21.3443

Harmonies

Analogous

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



50.5124, 46.1117, 73.0417



53.4777, 46.1117, 58.9052



53.7410, 46.1117, 44.6489

Triad

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



53.4777, 46.1117, 58.9052



41.8412, 46.1117, 28.1073



37.1939, 46.1117, 70.7531

Complementary

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



53.4777, 46.1117, 58.9052



50.6183, 63.8105, 57.7958

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.



35.2154, 46.1117, 56.2100



53.4777, 46.1117, 58.9052



37.7606, 46.1117, 32.7103

Square

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



53.4777, 46.1117, 58.9052



46.7679, 46.1117, 28.5575



35.4147, 46.1117, 42.4116



41.0136, 46.1117, 80.7137

Rectangle

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



53.4777, 46.1117, 58.9052



52.3243, 46.1117, 37.0691



35.4147, 46.1117, 42.4116



36.3048, 46.1117, 66.1334

Sweetspot

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



53.4790, 46.1138, 58.9062



87.5002, 87.1144, 99.5579



47.2423, 42.5397, 74.8290



18.4424, 18.1603, 20.9469



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.



53.4790, 46.1138, 58.9062



69.7966, 57.5075, 75.7752



50.5471, 44.9410, 43.4669



14.0323, 13.8306, 15.9404



20.1985, 10.1464, 12.9769



1.4447, 0.7211, 1.1346

Inverse Universe

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



53.4790, 46.1138, 58.9062



69.7966, 57.5075, 75.7752



53.9787, 65.1546, 75.4914



14.0323, 13.8306, 15.9404



20.1985, 10.1464, 12.9769



1.4447, 0.7211, 1.1346

Previews

White Background



This preview shows how the XYZ color 53.4777, 46.1117, 58.9052 looks on a white background.

Color Contrast Check

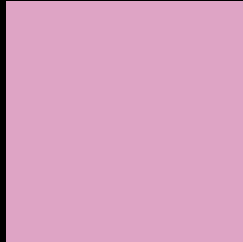
Large Text (above 18pt) WCAG AA × Fail

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 53.4777, 46.1117, 58.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

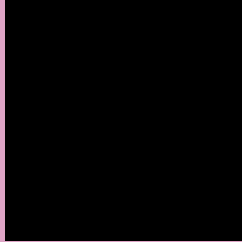
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4777, 46.1117, 58.9052

Background



This preview shows how black text looks on a background with the XYZ color 53.4777, 46.1117, 58.9052.



This preview shows how white text looks on a background with the XYZ color 53.4777, 46.1117,

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

53.4777, 46.1117, 58.9052

Protanopia

45.7152, 46.4946, 65.5964

Deuteranopia

47.3680, 46.3283, 58.0754



Tritanopia

51.5721, 46.1484, 49.3694

Trichromacy



Original Color

53.4777, 46.1117, 58.9052

Protanomaly

47.9079, 45.9214, 62.8386

Deuteranomaly

49.6182, 46.3279, 58.5516

Tritanomaly

52.3179, 46.1898, 52.6124

Monochromacy



Original Color

53.4777, 46.1117, 58.9052

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.1962, 47.1242, 54.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4777, 46.1117, 58.9052 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(222, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 197)  
}
```

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(222, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.4777, 46.1117, 58.9052 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(222, 164, 197) }
```


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

```
.border{ border-color:rgb(222, 164, 197) }
```

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

Here you see how a box with a 4 pixel rgb(222, 164, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(222, 164,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4777, 46.1117, 58.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 164, 197) }
```

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

```
.background{ background-color: rgb(222,  
164, 197) }
```

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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