

Converting Colors

XYZ(53.0694, 45.9296, 64.4779)

Have a look what the booklet for
XYZ(53.0694, 45.9296, 64.4779)
contains.

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Color

**XYZ(53.2110, 46.1182,
64.4897)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5CE
RGB	217, 165, 206
RGB Percent	85%, 65%, 81%
CMY	0.1490, 0.3529, 0.1922
CMYK	0.00, 0.24, 0.05, 0.15
HSL	313°, 41%, 75%
HSV	313°, 24%, 85%
XYZ	53.2110, 46.1182, 64.4897
YIQ	185.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

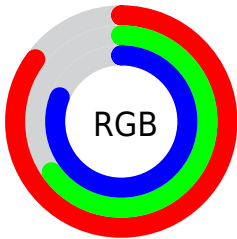
Format	Color
R _Y B	217, 165, 206
Decimal	14263758
CIE Lab	73.62, 25.79, -13.44
CIE LCh	74, 29.079, 332.472
Yxy	46.1182, 0.3248, 0.2815
Android (android.graphics.Color)	4292453838 (0xFFD9A5CE)
YUV	185.2220, 10.2436, 27.8693
Hunter-Lab	67.9104, 21.0200, -8.7663

Details

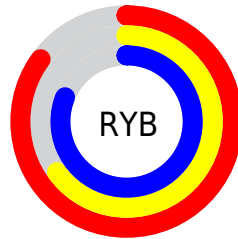
The XYZ color **53.2110, 46.1182, 64.4897** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.1683, 60.7610, 50.2663**, and the grayscale version is **46.1766, 48.5814, 52.9051**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **26.4729, 21.7586, 32.5103** is the 20% darker color. If you saturate the color by 10%, you get **49.0749, 38.7249, 60.3998**, and if you desaturate by 10%, it is **58.0302, 54.8502, 68.8887**.

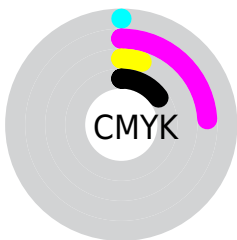
Distribution



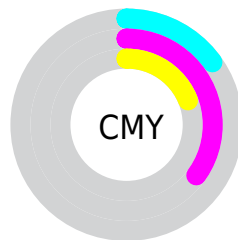
- Red (85%)
- Green (65%)
- Blue (81%)



- Red (85%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2110, 46.1182, 64.4897 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 53.2110, 46.1182, 64.4897 by changing the saturation by 10% instead.


 53.2110, 46.1182,
64.4897


 53.2110, 46.1182,
64.4897


389.3417,
371.2836, 459.2118

 38.1994, 32.3391,
46.5987


 94.0785, 84.3959,
112.9221

 26.3154, 21.6206,
32.3665

 120.6651,
109.6632, 144.3006

 17.1937, 13.5784,
21.3744


151.8407,
139.5288, 181.0121

 10.4688, 7.8280,
13.2041

187.9707,
174.3770, 223.4749

 5.7755, 3.9851,
7.4368

229.4204,
214.5922, 272.1078

 2.7484, 1.6652,
3.6542

276.5553,

 1.0222, 0.4010,

260.5587, 327.3292

1.4376

329.7406,
312.6611, 389.5577

■ 0.0000, 0.0000,
0.1708

■ 0.0000, 0.0000,
0.0000

■ 53.2110, 46.1182,
64.4897

■ 53.2110, 46.1182,
64.4897

■ 49.0749, 38.7249,
60.3998

■ 58.0302, 54.8502,
68.8887

■ 45.5841, 32.5970,
56.6042

■ 63.5597, 64.9772,
73.6050

■ 42.7035, 27.6639,
53.0910

■ 69.8301, 76.5595,
78.6500

■ 40.3927, 23.8450,
49.8460

■ 76.8690, 89.6522,
84.0336

■ 38.6065, 21.0502,
46.8536

■ 78.5123, 91.9266,
87.7015

■ 37.2927, 19.1752,
44.0956

■ 79.1618, 92.1864,
91.1219

■ 36.3877, 18.0932,
41.5500

■ 79.8284, 92.4530,
94.6322

■ 35.9752, 17.6957,
40.0940

■ 80.5122, 92.7265,
98.2332

■ 81.2134, 93.0070,
101.9254

Harmonies

Analogous

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



49.3662, 46.1182, 78.1296



53.2110, 46.1182, 64.4897



54.4858, 46.1182, 49.0018

Triad

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



53.2110, 46.1182, 64.4897



43.4083, 46.1182, 26.8834



36.0021, 46.1182, 67.0250

Complementary

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



53.2110, 46.1182, 64.4897



48.1683, 60.7610, 50.2663

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.



34.6696, 46.1182, 51.4478



53.2110, 46.1182, 64.4897



38.7313, 46.1182, 29.8943

Square

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



53.2110, 46.1182, 64.4897



48.5699, 46.1182, 29.0372



35.6288, 46.1182, 38.2192



39.4164, 46.1182, 79.7832

Rectangle

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



53.2110, 46.1182, 64.4897



53.6320, 46.1182, 40.1395



35.6288, 46.1182, 38.2192



35.3085, 46.1182, 61.8492

Sweetspot

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



53.2124, 46.1202, 64.4907



89.0155, 88.8944, 103.9185



43.7506, 41.0827, 71.2704



18.9469, 18.8325, 22.1533



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.



53.2124, 46.1202, 64.4907



73.4066, 60.5811, 89.7612



50.3716, 44.9839, 49.5311



13.4903, 13.2252, 15.8429



21.8172, 10.7279, 24.4810



1.4436, 0.7071, 1.7447

Inverse Universe

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



53.2124, 46.1202, 64.4907



73.4066, 60.5811, 89.7612



50.9213, 61.8622, 64.7636



13.4903, 13.2252, 15.8429



21.8172, 10.7279, 24.4810



1.4436, 0.7071, 1.7447

Previews

White Background



This preview shows how the XYZ color 53.2110, 46.1182, 64.4897 looks on a white background.

Color Contrast Check

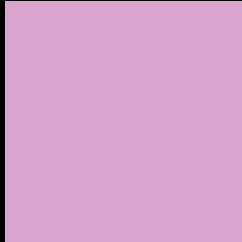
Large Text (above 18pt) WCAG AA × Fail

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 53.2110, 46.1182, 64.4897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

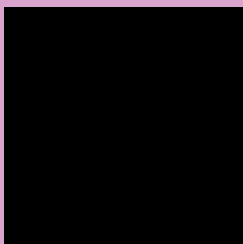
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2110, 46.1182, 64.4897

Background



This preview shows how black text looks on a background with the XYZ color 53.2110, 46.1182, 64.4897.



This preview shows how white text looks on a background with the XYZ color 53.2110, 46.1182,

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

53.2110, 46.1182, 64.4897

Protanopia

46.1715, 46.5991, 71.5268

Deuteranopia

47.1635, 46.1017, 63.5395



Tritanopia

50.3630, 46.0495, 50.4900

Trichromacy



Original Color

53.2110, 46.1182, 64.4897

Protanomaly

48.4488, 46.3606, 68.6823

Deuteranomaly

49.3252, 46.0549, 64.0474

Tritanomaly

51.4309, 46.2139, 55.4997

Monochromacy



Original Color

53.2110, 46.1182, 64.4897

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5720, 47.5614, 57.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2110, 46.1182, 64.4897 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(217, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 206)  
}
```

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(217, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.2110, 46.1182, 64.4897 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(217, 165, 206) }
```


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

```
.border{ border-color:rgb(217, 165, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2110, 46.1182, 64.4897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 206) }
```

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

```
.background{ background-color: rgb(217,  
165, 206) }
```

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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