

Converting Colors

XYZ(54.4131, 46.4525, 65.4925)

Have a look what the booklet for
XYZ(54.4131, 46.4525, 65.4925)
contains.

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Color

**XYZ(54.4794, 46.4771,
65.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA4D0
RGB	221, 164, 208
RGB Percent	87%, 64%, 82%
CMY	0.1333, 0.3568, 0.1843
CMYK	0.00, 0.26, 0.06, 0.13
HSL	314°, 46%, 75%
HSV	314°, 26%, 87%
XYZ	54.4794, 46.4771, 65.7741
YIQ	186.0590, 19.8480, 25.7680

Conversions

Conversions Part 2

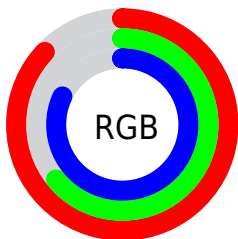
Format	Color
R _Y B	221, 164, 208
Decimal	14525648
CIE Lab	73.85, 28.04, -14.15
CIE LCh	74, 31.403, 333.224
Yxy	46.4771, 0.3268, 0.2788
Android (android.graphics.Color)	4292715728 (0xFFDDA4D0)
YUV	186.0590, 10.8169, 30.6433
Hunter-Lab	68.1741, 23.3385, -9.4809

Details

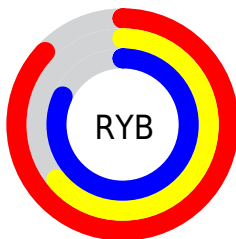
The XYZ color **54.4794, 46.4771, 65.7741** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1040, 62.7811, 51.1276**, and the grayscale version is **46.6399, 49.0688, 53.4359**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.1440, 21.9208, 33.3723** is the 20% darker color. If you saturate the color by 10%, you get **50.2528, 39.0000, 61.3542**, and if you desaturate by 10%, it is **59.4158, 55.3407, 70.5289**.

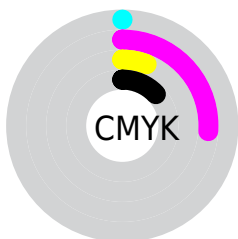
Distribution



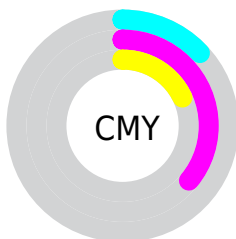
- Red (87%)
- Green (64%)
- Blue (82%)



- Red (87%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4794, 46.4771, 65.7741 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 54.4794, 46.4771, 65.7741 by changing the saturation by 10% instead.


 54.4794, 46.4771,
65.7741


 54.4794, 46.4771,
65.7741


394.1041,
372.7234, 463.9507

 39.2173, 32.6225,
47.6337

 95.9306, 84.9326,
114.7860

 27.1103, 21.8374,
33.1790


 122.8503,
110.3022, 146.4945

 17.7931, 13.7375,
21.9914


154.3866,
140.2790, 183.5629

 10.9003, 7.9383,
13.6523

190.9048,
175.2472, 226.4096

 6.0666, 4.0555,
7.7433

232.7703,
215.5914, 275.4532

 2.9267, 1.7047,
3.8457

280.3484,

 1.1151, 0.4267,

261.6959, 331.1122

1.5411

334.0046,
313.9451, 393.8052

■ 0.0377, 0.0000,
0.2483

■ 0.0000, 0.0000,
0.0000

■ 54.4794, 46.4771,
65.7741

■ 54.4794, 46.4771,
65.7741

■ 50.2528, 39.0000,
61.3542

■ 59.4158, 55.3407,
70.5289

■ 46.6959, 32.8319,
57.2534

■ 65.0908, 65.6505,
75.6275

■ 43.7714, 27.8974,
53.4589

■ 71.5369, 77.4705,
81.0822

■ 41.4361, 24.1107,
49.9553

■ 78.7834, 90.8587,
86.9035

39.6415, 21.3752,
46.7256

80.3164, 92.7872,
90.9210

38.3312, 19.5781,
43.7500

81.0479, 93.0798,
94.7728

37.4355, 18.5804,
41.0043

81.8001, 93.3807,
98.7340

37.1311, 18.2971,
39.8998

82.5733, 93.6900,
102.8053

83.3675, 94.0077,
106.9876

Harmonies

Analogous

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



50.3280, 46.4771, 80.9612



54.4794, 46.4771, 65.7741



55.7953, 46.4771, 48.8948

Triad

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



54.4794, 46.4771, 65.7741



43.5736, 46.4771, 25.6793



35.7821, 46.4771, 69.4089

Complementary

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



54.4794, 46.4771, 65.7741



49.1040, 62.7811, 51.1276

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.



34.2918, 46.4771, 52.3560



54.4794, 46.4771, 65.7741



38.5453, 46.4771, 28.9808

Square

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



54.4794, 46.4771, 65.7741



49.1949, 46.4771, 27.8036



35.2596, 46.4771, 37.9693



39.5089, 46.4771, 83.3515

Rectangle

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



54.4794, 46.4771, 65.7741



54.8038, 46.4771, 39.4150



35.2596, 46.4771, 37.9693



35.0179, 46.4771, 63.7362

Sweetspot

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



54.4808, 46.4792, 65.7751



88.1437, 87.3718, 102.9468



44.3124, 41.0447, 73.9943



18.6050, 18.2253, 21.8029



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.



54.4808, 46.4792, 65.7751



72.0372, 58.4037, 87.5738



51.3494, 45.2266, 49.2855



13.4807, 13.2214, 15.7925



21.6148, 10.6469, 23.4151



1.4320, 0.7024, 1.6840

Inverse Universe

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



54.4808, 46.4792, 65.7751



72.0372, 58.4037, 87.5738



52.1693, 64.0072, 67.2692



13.4807, 13.2214, 15.7925



21.6148, 10.6469, 23.4151



1.4320, 0.7024, 1.6840

Previews

White Background



This preview shows how the XYZ color 54.4794, 46.4771, 65.7741 looks on a white background.

Color Contrast Check

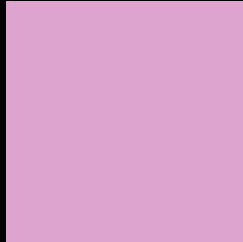
Large Text (above 18pt) WCAG AA × Fail

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 54.4794, 46.4771, 65.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

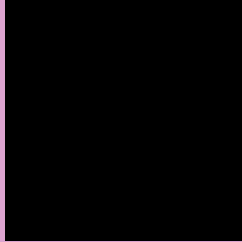
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4794, 46.4771, 65.7741

Background



This preview shows how black text looks on a background with the XYZ color 54.4794, 46.4771, 65.7741.



This preview shows how white text looks on a background with the XYZ color 54.4794, 46.4771, 65.7741.

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

54.4794, 46.4771, 65.7741

Protanopia

46.5630, 46.7557, 73.5884

Deuteranopia

47.6018, 46.5919, 64.8768



Tritanopia

51.5449, 46.6588, 50.5453

Trichromacy



Original Color

54.4794, 46.4771, 65.7741

Protanomaly

48.8877, 46.2548, 70.6414

Deuteranomaly

49.8344, 46.2894, 65.3397

Tritanomaly

52.4361, 46.4591, 55.4940

Monochromacy



Original Color

54.4794, 46.4771, 65.7741

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.2112, 47.8779, 57.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4794, 46.4771, 65.7741 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(221, 164, 208)` looks like.

```
.text, #text, p{  
    color:rgb(221, 164, 208)  
}
```

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(221, 164, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 164, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.4794, 46.4771, 65.7741 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(221, 164, 208) }
```


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

```
.border{ border-color:rgb(221, 164, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 164, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 164, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 164, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 164,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4794, 46.4771, 65.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 164, 208) }
```

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

```
.background{ background-color: rgb(221,  
164, 208) }
```

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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