

Converting Colors

XYZ(57.4005, 46.7348, 82.7768)

Have a look what the booklet for
XYZ(57.4005, 46.7348, 82.7768)
contains.

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Color

**XYZ(57.5771, 46.9025,
83.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA1E9
RGB	222, 161, 233
RGB Percent	87%, 63%, 91%
CMY	0.1294, 0.3686, 0.0863
CMYK	0.05, 0.31, 0.00, 0.09
HSL	291°, 62%, 77%
HSV	291°, 31%, 91%
XYZ	57.5771, 46.9025, 83.1092
YIQ	187.4470, 13.2440, 35.3240

Conversions

Conversions Part 2

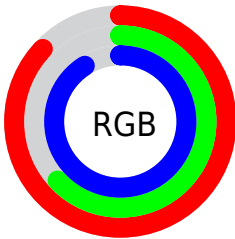
Format	Color
R _Y B	222, 161, 233
Decimal	14590441
CIE Lab	74.13, 34.59, -27.39
CIE LCh	74, 44.115, 321.625
Yxy	46.9025, 0.3069, 0.2500
Android (android.graphics.Color)	4292780521 (0xFFDEA1E9)
YUV	187.4470, 22.4576, 30.3030
Hunter-Lab	68.4854, 30.2192, -24.0105

Details

The XYZ color **57.5771, 46.9025, 83.1092** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5866, 69.6228, 44.3873**, and the grayscale version is **47.3596, 49.8260, 54.2605**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **29.0243, 22.0064, 44.3129** is the 20% darker color. If you saturate the color by 10%, you get **52.8002, 38.9493, 81.8265**, and if you desaturate by 10%, it is **63.1387, 56.3889, 84.6478**.

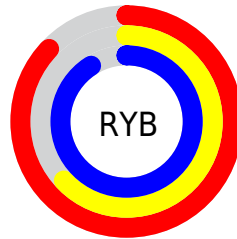
Distribution



Red (87%)

Green (63%)

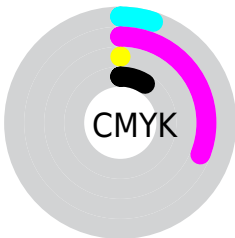
Blue (91%)



Red (87%)

Yellow (63%)

Blue (91%)

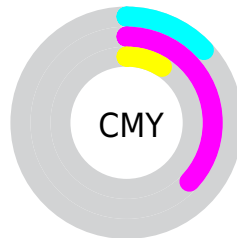


Cyan (5%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5771, 46.9025, 83.1092 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 57.5771, 46.9025, 83.1092 by changing the saturation by 10% instead.

57.5771, 46.9025,
83.1092

57.5771, 46.9025,
83.1092

405.5876,
374.4252, 525.3309

41.7107, 32.9586,
61.7391

100.4333, 85.5681,
139.5790

29.0649, 22.0947,
44.3875

128.1538,
111.0585, 175.5158

19.2745, 13.9265,
30.6358

160.5563,
141.1666, 217.1452

11.9740, 8.0696,
20.0656

198.0063,
176.2767, 264.8858

6.7980, 4.1395,
12.2582

240.8690,
216.7732, 319.1562

3.3813, 1.7519,
6.7951

289.5099,

1.3585, 0.4569,

263.0405, 380.3748

3.2578

344.2943,
315.4631, 448.9602

■ 0.2263, 0.0000,
1.2277

■ 0.0000, 0.0000,
0.0014

■ 57.5771, 46.9025,
83.1092

■ 57.5771, 46.9025,
83.1092

■ 52.8002, 38.9493,
81.8265

■ 63.1387, 56.3889,
84.6478

■ 48.7611, 32.4387,
80.7828

■ 69.5195, 67.4805,
86.4524

■ 45.4148, 27.2800,
79.9634

■ 76.7575, 80.2518,
88.5360

■ 42.7095, 23.3695,
79.3512

■ 84.8869, 94.7711,
90.9101

40.5856, 20.5887,
78.9264

86.3354, 95.8935,
91.0504

38.9720, 18.7954,
78.6653

87.5544, 96.5219,
91.1074

37.8404, 17.8084,
78.5344

88.7973, 97.1627,
91.1656

90.0641, 97.8157,
91.2249

91.3551, 98.4812,
91.2853

Harmonies

Analogous

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



50.4139, 46.9025, 103.1122



57.5771, 46.9025, 83.1092



61.3559, 46.9025, 57.6694

Triad

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



57.5771, 46.9025, 83.1092



46.8282, 46.9025, 18.9923



31.8991, 46.9025, 68.8338

Complementary

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



57.5771, 46.9025, 83.1092



52.5866, 69.6228, 44.3873

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.



31.1790, 46.9025, 44.9922



57.5771, 46.9025, 83.1092



39.2134, 46.9025, 20.3676

Square

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



57.5771, 46.9025, 83.1092



54.6880, 46.9025, 23.9964



33.7017, 46.9025, 28.5464



35.8002, 46.9025, 93.3197

Rectangle

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



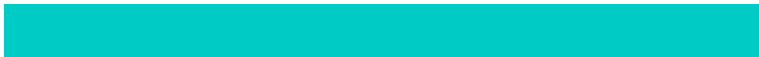
57.5771, 46.9025, 83.1092



61.1710, 46.9025, 42.7961



33.7017, 46.9025, 28.5464



31.2970, 46.9025, 60.3444

Sweetspot

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



57.5786, 46.9045, 83.1102



86.8825, 85.5625, 106.5437



44.3513, 43.3495, 83.1212



18.3314, 17.8488, 22.7289



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.



57.5786, 46.9045, 83.1102



66.8683, 51.2156, 100.9690



57.8591, 47.4187, 66.4262



15.4756, 15.1905, 19.0386



21.5564, 10.1487, 44.5657



1.7538, 0.8284, 3.5023

Inverse Universe

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



53.7970, 45.7938, 45.0352



61.6679, 49.7252, 46.9380



52.5954, 69.3588, 56.5163



15.1593, 15.0916, 16.1240



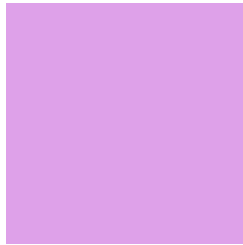
19.2733, 9.9120, 1.9747



1.5421, 0.7898, 0.3061

Previews

White Background



This preview shows how the XYZ color 57.5771, 46.9025, 83.1092 looks on a white background.

Color Contrast Check

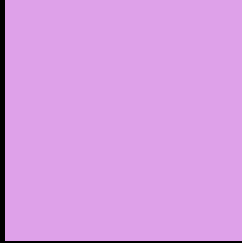
Large Text (above 18pt) WCAG AA × Fail

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 57.5771, 46.9025, 83.1092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

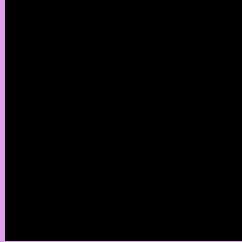
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5771, 46.9025, 83.1092

Background



This preview shows how black text looks on a background with the XYZ color 57.5771, 46.9025, 83.1092.



This preview shows how white text looks on a background with the XYZ color 57.5771, 46.9025,

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

57.5771, 46.9025, 83.1092

Protanopia

48.2140, 47.1444, 94.5543

Deuteranopia

48.3075, 47.1835, 81.4242



Tritanopia

51.2390, 47.0336, 51.7252

Trichromacy



Original Color

57.5771, 46.9025, 83.1092



Protanomaly

50.7377, 46.4883, 90.3034



Deuteranomaly

51.1686, 46.6120, 81.9014



Tritanomaly

53.3928, 46.8071, 62.0977

Monochromacy



Original Color

57.5771, 46.9025, 83.1092



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.6389, 48.4798, 63.8153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5771, 46.9025, 83.1092 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, 161, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 233)  
}
```

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, 161, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 233) }
```

Border

The CSS property to change the border of an element to XYZ 57.5771, 46.9025, 83.1092 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, 161, 233) }
```


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

```
.border{ border-color:rgb(222, 161, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 161, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5771, 46.9025, 83.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 233) }
```

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

```
.background{ background-color: rgb(222,  
161, 233) }
```

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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