

Converting Colors

XYZ(57.6331, 48.1714, 90.0756)

Have a look what the booklet for
XYZ(57.6331, 48.1714, 90.0756)
contains.

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Color

**XYZ(57.6876, 48.1303,
90.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A6F2
RGB	215, 166, 242
RGB Percent	84%, 65%, 95%
CMY	0.1569, 0.3490, 0.0510
CMYK	0.11, 0.31, 0.00, 0.05
HSL	279°, 75%, 80%
HSV	279°, 31%, 95%
XYZ	57.6876, 48.1303, 90.2540
YIQ	189.3150, 4.8080, 34.0240

Conversions

Conversions Part 2

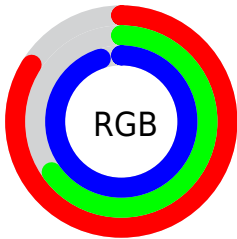
Format	Color
R _Y B	215, 166, 242
Decimal	14132978
CIE Lab	74.91, 31.49, -31.14
CIE LCh	75, 44.288, 315.327
Yxy	48.1303, 0.2942, 0.2455
Android (android.graphics.Color)	4292323058 (0xFFD7A6F2)
YUV	189.3150, 25.9737, 22.5257
Hunter-Lab	69.3760, 27.0185, -28.5695

Details

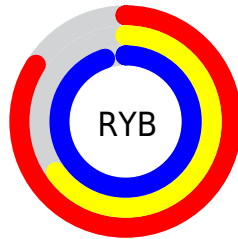
The XYZ color **57.6876, 48.1303, 90.2540** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.6288, 77.5960, 47.8606**, and the grayscale version is **48.4054, 50.9263, 55.4587**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **29.0661, 22.7264, 49.3090** is the 20% darker color. If you saturate the color by 10%, you get **51.2372, 38.8785, 88.8090**, and if you desaturate by 10%, it is **65.1015, 59.1098, 91.9833**.

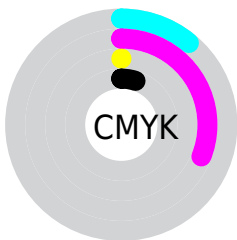
Distribution



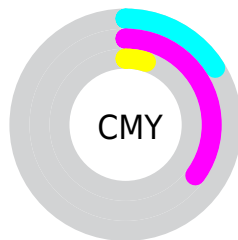
- Red (84%)
- Green (65%)
- Blue (95%)



- Red (84%)
- Yellow (65%)
- Blue (95%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)





- Cyan (16%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6876, 48.1303, 90.2540 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 57.6876, 48.1303, 90.2540 by changing the saturation by 10% instead.


 57.6876, 48.1303,
90.2540


 57.6876, 48.1303,
90.2540

405.9935,
379.3084, 549.4482

 41.7998, 33.9301,
67.6164

 100.5934, 87.3984,
149.6298

 29.1350, 22.8399,
49.1210


 128.3421,
113.2350, 187.2050

 19.3278, 14.4753,
34.3492


160.7752,
143.7193, 230.5966

 12.0128, 8.4520,
22.8825

198.2580,
179.2355, 280.2231

 6.8246, 4.3855,
14.3023

241.1559,
220.1682, 336.5029

 3.3980, 1.8915,
8.1900

289.8342,

 1.3676, 0.5432,

266.9016, 399.8547

4.1273

344.6583,
319.8202, 470.6969

■ 0.2329, 0.0000,
1.6954

■ 0.0000, 0.0000,
0.3576

■ 57.6876, 48.1303,
90.2540

■ 57.6876, 48.1303,
90.2540

■ 51.2372, 38.8785,
88.8090

■ 65.1015, 59.1098,
91.9833

■ 45.6971, 31.2543,
87.6293

■ 73.5190, 71.8979,
94.0079

■ 41.0155, 25.1564,
86.6991

■ 82.9835, 86.5773,
96.3425

■ 37.1332, 20.4693,
85.9990

■ 90.9939, 98.1427,
98.1527

■ 33.9824, 17.0603,
85.5071

■ 93.0272, 99.1909,
98.2478

■ 31.4818, 14.7708,
85.1969

■ 29.7428, 13.4815,
85.0397

Harmonies

Analogous

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



49.9703, 48.1303, 107.9860



57.6876, 48.1303, 90.2540



62.4527, 48.1303, 64.4829

Triad

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



57.6876, 48.1303, 90.2540



49.7891, 48.1303, 20.1073



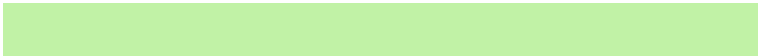
32.3580, 48.1303, 65.0472

Complementary

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



57.6876, 48.1303, 90.2540



60.6288, 77.5960, 47.8606

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.



32.3216, 48.1303, 41.9393



57.6876, 48.1303, 90.2540



41.7675, 48.1303, 20.1767

Square

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



57.6876, 48.1303, 90.2540



57.5415, 48.1303, 26.7371



35.5785, 48.1303, 26.9668



35.6845, 48.1303, 90.7704

Rectangle

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



57.6876, 48.1303, 90.2540



62.9943, 48.1303, 48.3885



35.5785, 48.1303, 26.9668



31.9747, 48.1303, 56.6393

Sweetspot

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



57.6892, 48.1323, 90.2551



85.2244, 84.7077, 106.4661



51.0168, 53.0440, 91.5548



17.9212, 17.6374, 22.7097



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.



57.6892, 48.1323, 90.2551



59.9835, 47.0134, 100.5208



64.8020, 51.9702, 82.8615



15.8778, 15.7342, 19.9218



16.1320, 7.3217, 45.6909



1.4498, 0.6646, 3.8061

Inverse Universe

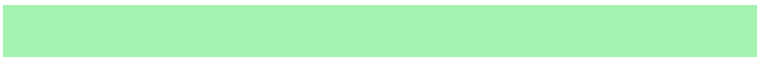
The Inverse Universe completely reimagines the original color for something new.



59.8813, 50.0018, 56.9491



63.0566, 49.5769, 56.4205



55.3293, 74.7523, 52.6580



16.0047, 15.8516, 17.5812



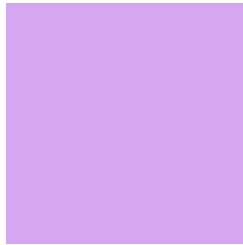
20.6322, 10.5253, 5.9796



1.7621, 0.8939, 0.7382

Previews

White Background



This preview shows how the XYZ color 57.6876, 48.1303, 90.2540 looks on a white background.

Color Contrast Check

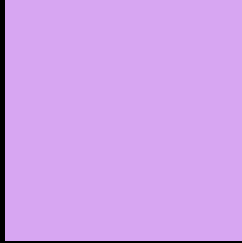
Large Text (above 18pt) WCAG AA × Fail

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 57.6876, 48.1303, 90.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

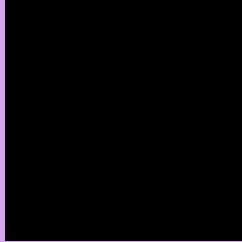
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6876, 48.1303, 90.2540

Background



This preview shows how black text looks on a background with the XYZ color 57.6876, 48.1303, 90.2540.



This preview shows how white text looks on a background with the XYZ color 57.6876, 48.1303,

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

57.6876, 48.1303, 90.2540

Protanopia

49.7216, 48.3982, 100.4871

Deuteranopia

49.3374, 48.1640, 88.3576



Tritanopia

50.5517, 48.0338, 55.3223

Trichromacy



Original Color

57.6876, 48.1303, 90.2540



Protanomaly

52.0721, 47.8979, 96.9432



Deuteranomaly

51.9925, 48.0333, 88.9691



Tritanomaly

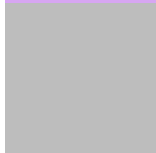
52.8395, 47.8101, 66.7649

Monochromacy



Original Color

57.6876, 48.1303, 90.2540



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.1977, 49.6076, 66.5513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6876, 48.1303, 90.2540 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(215, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 166, 242)  
}
```

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(215, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 166, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.6876, 48.1303, 90.2540 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(215, 166, 242) }
```


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

```
.border{ border-color:rgb(215, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 166,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6876, 48.1303, 90.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 166, 242) }
```

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

```
.background{ background-color: rgb(215,  
166, 242) }
```

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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