

Converting Colors

XYZ(48.0014, 46.1913, 65.2585)

Have a look what the booklet for
XYZ(48.0014, 46.1913, 65.2585)
contains.

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Color

**XYZ(48.0783, 46.2413,
65.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAFCF
RGB	191, 175, 207
RGB Percent	75%, 69%, 81%
CMY	0.2510, 0.3137, 0.1882
CMYK	0.08, 0.15, 0.00, 0.19
HSL	270°, 25%, 75%
HSV	270°, 15%, 81%
XYZ	48.0783, 46.2413, 65.4229
YIQ	183.4320, -0.7360, 13.3440

Conversions

Conversions Part 2

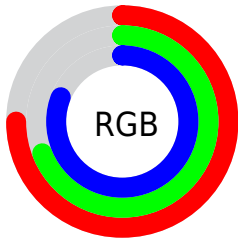
Format	Color
R_{YB}	191, 175, 207
Decimal	12562383
CIE _{Lab}	73.70, 11.74, -14.11
CIE _{LCh}	74, 18.356, 309.772
Yxy	46.2413, 0.3010, 0.2895
Android (android.graphics.Color)	4290752463 (0xFFBFAFCF)
YUV	183.4320, 11.6190, 6.6371
Hunter-Lab	68.0010, 7.2021, -9.4415

Details

The XYZ color **48.0783, 46.2413, 65.4229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **51.5382, 58.7983, 49.1925**, and the grayscale version is **45.1866, 47.5398, 51.7708**.

A 20% lighter version of the original color is **84.9837, 84.1460, 106.3704**, and **23.1493, 21.7842, 33.1217** is the 20% darker color. If you saturate the color by 10%, you get **41.8428, 37.4984, 64.0647**, and if you desaturate by 10%, it is **55.1182, 56.3181, 66.9976**.

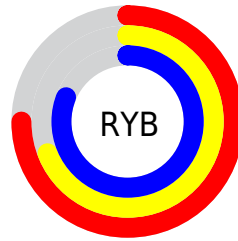
Distribution



Red (75%)

Green (69%)

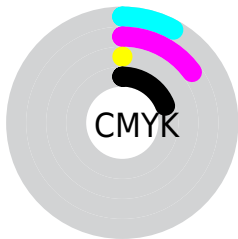
Blue (81%)



Red (75%)

Yellow (69%)

Blue (81%)

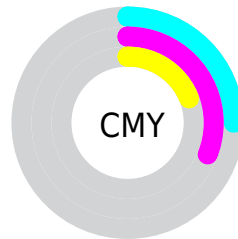


Cyan (8%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0783, 46.2413, 65.4229 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 48.0783, 46.2413, 65.4229 by changing the saturation by 10% instead.

■ 48.0783, 46.2413,
65.4229

■ 48.0783, 46.2413,
65.4229

369.6798,
371.7779, 462.6579

■ 34.1004, 32.4363,
47.3506

■ 86.5300, 84.5800,
114.2767

■ 23.1340, 21.6950,
32.9565

111.7344,
109.8825, 145.8953

■ 14.8137, 13.6329,
21.8223

141.4118,
139.7862, 182.8664

■ 8.7742, 7.8658,
13.5293

175.9275,
174.6757, 225.6084

■ 4.6501, 4.0092,
7.6590

215.6468,
214.9351, 274.5401

■ 2.0761, 1.6787,
3.7929

260.9350,

■ 0.6762, 0.4098,

260.9491, 330.0799

1.5125

312.1576,
313.1019, 392.6463

■ 0.0000, 0.0000,
0.2272

■ 0.0000, 0.0000,
0.0000

■ 48.0783, 46.2413,
65.4229

■ 48.0783, 46.2413,
65.4229

■ 41.8428, 37.4984,
64.0647

■ 55.1182, 56.3181,
66.9976

■ 36.3756, 30.0256,
62.9105

■ 62.9881, 67.7773,
68.7946

■ 31.6441, 23.7623,
61.9509

■ 71.7178, 80.6721,
70.8235

■ 27.6114, 18.6407,
61.1749

■ 80.4328, 93.2486,
72.7917

■ 24.2369, 14.5862,
60.5701

■ 83.9004, 95.0362,
72.9540

■ 21.4755, 11.5147,
60.1228

■ 87.5692, 96.9276,
73.1257

■ 19.2752, 9.3288,
59.8169

■ 88.2626, 97.2850,
73.1581

■ 17.5729, 7.9096,
59.6327

■ 16.9129, 7.4179,
59.5725

Harmonies

Analogous

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



45.0219, 46.2413, 70.1630



48.0783, 46.2413, 65.4229



50.0901, 46.2413, 56.8053

Triad

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



48.0783, 46.2413, 65.4229



46.1510, 46.2413, 35.3313



38.0662, 46.2413, 53.4532

Complementary

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



48.0783, 46.2413, 65.4229



51.5382, 58.7983, 49.1925

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.



38.3352, 46.2413, 44.4013



48.0783, 46.2413, 65.4229



42.8971, 46.2413, 34.6677

Square

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



48.0783, 46.2413, 65.4229



48.9398, 46.2413, 39.7291



40.0669, 46.2413, 37.7888



39.3132, 46.2413, 62.7103

Rectangle

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



48.0783, 46.2413, 65.4229



50.5124, 46.2413, 50.4204



40.0669, 46.2413, 37.7888



37.9838, 46.2413, 50.2775

Sweetspot

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



48.0797, 46.2433, 65.4239



88.8098, 90.9440, 107.4809



47.6907, 51.1153, 66.3848



18.8271, 19.2032, 22.9642



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.



48.0797, 46.2433, 65.4239



73.1359, 68.5791, 103.9902



52.1771, 48.3555, 65.6157



11.7187, 11.7038, 14.8851



10.7650, 4.7298, 37.5381



0.6934, 0.3116, 2.1032

Inverse Universe

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



50.4676, 47.6889, 55.8373



77.8362, 71.4248, 85.1199



47.8515, 56.8978, 49.0200



12.0517, 11.9054, 13.5482



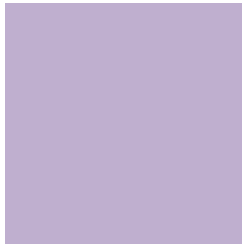
17.8187, 9.0003, 9.2176



1.0364, 0.5193, 0.7263

Previews

White Background



This preview shows how the XYZ color 48.0783, 46.2413, 65.4229 looks on a white background.

Color Contrast Check

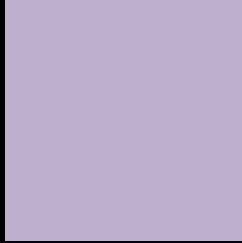
Large Text (above 18pt) WCAG AA × Fail

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 48.0783, 46.2413, 65.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

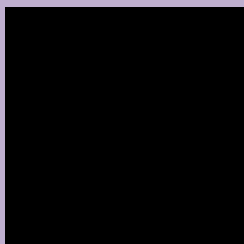
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0783, 46.2413, 65.4229

Background



This preview shows how black text looks on a background with the XYZ color 48.0783, 46.2413, 65.4229.



This preview shows how white text looks on a background with the XYZ color 48.0783, 46.2413,

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

48.0783, 46.2413, 65.4229

Protanopia

45.8586, 46.5258, 67.5361

Deuteranopia

47.4781, 46.5141, 65.5072



Tritanopia

46.4211, 46.4654, 56.3912

Trichromacy



Original Color

48.0783, 46.2413, 65.4229

Protanomaly

46.4851, 46.2680, 66.8022

Deuteranomaly

47.5269, 46.2470, 65.4531

Tritanomaly

47.0354, 46.4226, 59.3048

Monochromacy



Original Color

48.0783, 46.2413, 65.4229

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.0854, 46.8874, 56.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0783, 46.2413, 65.4229 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(191, 175, 207)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 207)  
}
```

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(191, 175, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.0783, 46.2413, 65.4229 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(191, 175, 207) }
```


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

```
.border{ border-color:rgb(191, 175, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 175, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 175, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 175, 207); box-shadow:4px 4px 4px 4px rgb(191, 175, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0783, 46.2413, 65.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 207) }
```

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

```
.background{ background-color: rgb(191,  
175, 207) }
```

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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