

Converting Colors

XYZ(51.7008, 47.4071, 64.7699)

Have a look what the booklet for
XYZ(51.7008, 47.4071, 64.7699)
contains.

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Color

**XYZ(51.8163, 47.6088,
64.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	CFADCE
RGB	207, 173, 206
RGB Percent	81%, 68%, 81%
CMY	0.1882, 0.3215, 0.1922
CMYK	0.00, 0.16, 0.00, 0.19
HSL	302°, 26%, 75%
HSV	302°, 16%, 81%
XYZ	51.8163, 47.6088, 64.8509
YIQ	186.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

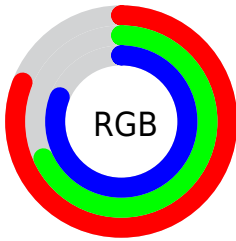
Format	Color
R_{YB}	207, 173, 206
Decimal	13610446
CIE _{Lab}	74.58, 18.04, -12.11
CIE _{LCh}	75, 21.722, 326.132
Yxy	47.6088, 0.3154, 0.2898
Android (android.graphics.Color)	4291800526 (0xFFCFADCE)
YUV	186.9280, 9.4025, 17.6031
Hunter-Lab	68.9991, 13.2997, -7.4261

Details

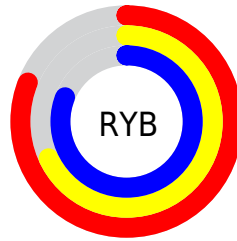
The XYZ color **51.8163, 47.6088, 64.8509** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1883, 56.5673, 48.4785**, and the grayscale version is **47.1396, 49.5945, 54.0084**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **25.3329, 22.3753, 32.6894** is the 20% darker color. If you saturate the color by 10%, you get **48.0771, 40.2478, 63.2407**, and if you desaturate by 10%, it is **56.1736, 56.2039, 66.6697**.

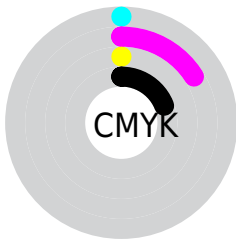
Distribution



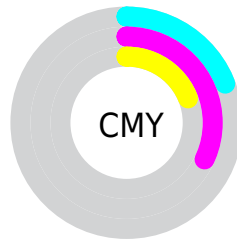
- Red (81%)
- Green (68%)
- Blue (81%)



- Red (81%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8163, 47.6088, 64.8509 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 51.8163, 47.6088, 64.8509 by changing the saturation by 10% instead.

■ 51.8163, 47.6088,
64.8509

■ 51.8163, 47.6088,
64.8509

384.0626,
377.2394, 460.5475

■ 37.0823, 33.5172,
46.8896

■ 92.0361, 86.6217,
113.4467

■ 25.4452, 22.5229,
32.5947

118.2527,
112.3117, 144.9183

■ 16.5396, 14.2417,
21.5476

149.0275,
142.6367, 181.7304

■ 10.0000, 8.2889,
13.3297

184.7259,
177.9810, 224.3015

■ 5.4612, 4.2804,
7.5226

225.7132,
218.7290, 273.0503

■ 2.5579, 1.8316,
3.7077

272.3549,

■ 0.9245, 0.5068,

265.2652, 328.3952

1.4664

325.0163,
317.9738, 390.7547

■ 0.0000, 0.0000,
0.1927

■ 0.0000, 0.0000,
0.0000

■ 51.8163, 47.6088,
64.8509

■ 51.8163, 47.6088,
64.8509

■ 48.0771, 40.2478,
63.2407

■ 56.1736, 56.2039,
66.6697

■ 44.9235, 34.0584,
61.8265

■ 61.1711, 66.0798,
68.7027

■ 42.3265, 28.9816,
60.5992

■ 66.8350, 77.2882,
70.9594

■ 40.2529, 24.9512,
59.5479

■ 72.9316, 89.3612,
73.3616

38.6660, 21.8938,
58.6602

73.0069, 89.3914,
73.7582

37.5244, 19.7266,
57.9223

73.0825, 89.4216,
74.1563

36.7798, 18.3529,
57.3182

73.1584, 89.4520,
74.5560

36.3706, 17.6494,
56.8272

73.2346, 89.4824,
74.9571

36.2646, 17.4784,
56.6654

73.3110, 89.5130,
75.3598

Harmonies

Analogous

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



48.6596, 47.6088, 73.7838



51.8163, 47.6088, 64.8509



53.2125, 47.6088, 53.3107

Triad

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



51.8163, 47.6088, 64.8509



45.7621, 47.6088, 33.1127



38.8029, 47.6088, 61.9607

Complementary

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



51.8163, 47.6088, 64.8509



47.1883, 56.5673, 48.4785

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.



38.1256, 47.6088, 50.3924



51.8163, 47.6088, 64.8509



42.0050, 47.6088, 34.7421

Square

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



51.8163, 47.6088, 64.8509



49.5917, 47.6088, 35.8716



39.2646, 47.6088, 40.6937



41.1708, 47.6088, 71.9529

Rectangle

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



51.8163, 47.6088, 64.8509



52.9009, 47.6088, 46.0569



39.2646, 47.6088, 40.6937



38.3761, 47.6088, 58.0834

Sweetspot

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



51.8177, 47.6109, 64.8519



91.0562, 92.1090, 107.2711



43.5674, 43.3436, 65.1023



19.3742, 19.4869, 22.9129



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.



51.8177, 47.6109, 64.8519



80.6422, 71.5694, 102.9101



49.9098, 46.8477, 54.8049



12.2952, 12.0028, 14.8301



22.8545, 11.0146, 35.7354



1.2827, 0.6178, 2.0236

Inverse Universe

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



51.8177, 47.6109, 64.8519



80.6422, 71.5694, 102.9101



48.9045, 57.2538, 57.5159



12.2952, 12.0028, 14.8301



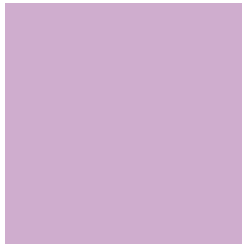
22.8545, 11.0146, 35.7354



1.2827, 0.6178, 2.0236

Previews

White Background



This preview shows how the XYZ color 51.8163, 47.6088, 64.8509 looks on a white background.

Color Contrast Check

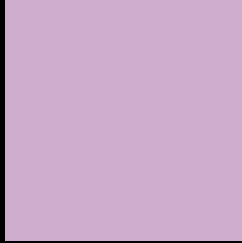
Large Text (above 18pt) WCAG AA × Fail

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 51.8163, 47.6088, 64.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

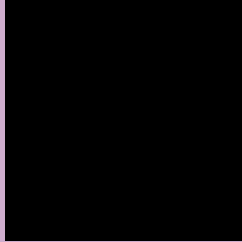
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8163, 47.6088, 64.8509

Background



This preview shows how black text looks on a background with the XYZ color 51.8163, 47.6088, 64.8509.



This preview shows how white text looks on a background with the XYZ color 51.8163, 47.6088,

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

51.8163, 47.6088, 64.8509

Protanopia

46.9717, 47.6743, 69.0137

Deuteranopia

48.8778, 47.8544, 64.4183



Tritanopia

49.9964, 47.7475, 55.2963

Trichromacy



Original Color

51.8163, 47.6088, 64.8509

Protanomaly

48.7392, 47.7122, 67.6133

Deuteranomaly

49.7675, 47.7224, 64.3459

Tritanomaly

50.7474, 47.7673, 58.7699

Monochromacy



Original Color

51.8163, 47.6088, 64.8509

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.7137, 48.8203, 57.8947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8163, 47.6088, 64.8509 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(207, 173, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 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(207, 173, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.8163, 47.6088, 64.8509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

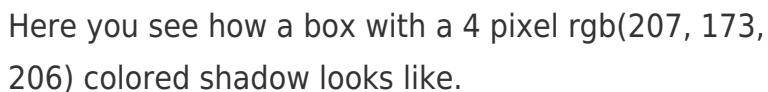
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 173, 206) }
```


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

```
.border{ border-color:rgb(207, 173, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 173, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 173, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 173, 206); box-shadow:4px 4px 4px 4px rgb(207, 173, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8163, 47.6088, 64.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 206) }
```

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

```
.background{ background-color: rgb(207,  
173, 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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