

Converting Colors

XYZ(47.0470, 45.7336, 64.1804)

Have a look what the booklet for
XYZ(47.0470, 45.7336, 64.1804)
contains.

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Color

**XYZ(47.0885, 45.7591,
64.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAFCD
RGB	188, 175, 205
RGB Percent	74%, 69%, 80%
CMY	0.2627, 0.3137, 0.1961
CMYK	0.08, 0.15, 0.00, 0.20
HSL	266°, 23%, 75%
HSV	266°, 15%, 80%
XYZ	47.0885, 45.7591, 64.1082
YIQ	182.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

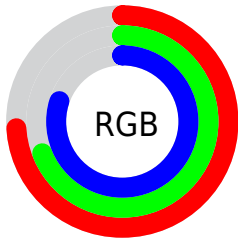
Format	Color
R_{YB}	188, 175, 205
Decimal	12365773
CIE _{Lab}	73.39, 10.34, -13.51
CIE _{LCh}	73, 17.012, 307.426
Yxy	45.7591, 0.3000, 0.2915
Android (android.graphics.Color)	4290555853 (0xFFBCAFCD)
YUV	182.3070, 11.1876, 4.9928
Hunter-Lab	67.6455, 5.8756, -8.8378

Details

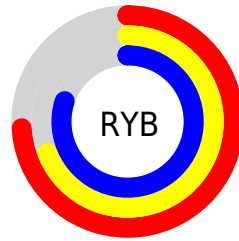
The XYZ color **47.0885, 45.7591, 64.1082** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.3090, 57.9654, 49.0438**, and the grayscale version is **44.5735, 46.8948, 51.0685**.

A 20% lighter version of the original color is **83.9341, 83.6049, 106.3213**, and **22.6605, 21.5512, 32.2436** is the 20% darker color. If you saturate the color by 10%, you get **40.6501, 36.9608, 62.7500**, and if you desaturate by 10%, it is **54.3658, 55.8915, 65.6811**.

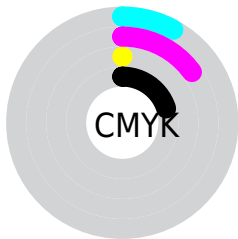
Distribution



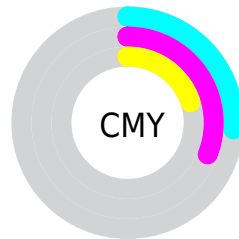
- Red (74%)
- Green (69%)
- Blue (80%)



- Red (74%)
- Yellow (69%)
- Blue (80%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0885, 45.7591, 64.1082 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 47.0885, 45.7591, 64.1082 by changing the saturation by 10% instead.

■ 47.0885, 45.7591,
64.1082

■ 47.0885, 45.7591,
64.1082

365.8107,
369.8393, 457.7984

■ 33.3139, 32.0558,
46.2916

■ 85.0636, 83.8584,
112.3677

■ 22.5274, 21.4041,
32.1256

109.9949,
109.0231, 143.6477

■ 14.3637, 13.4197,
21.1919

139.3757,
138.7770, 180.2525

■ 8.4574, 7.7182,
13.0717

173.5714,
173.5046, 222.6007

■ 4.4433, 3.9152,
7.3466

212.9474,
213.5902, 271.1109

■ 1.9558, 1.6262,
3.5981

257.8690,

■ 0.6090, 0.3752,

259.4183, 326.2015

1.4076

308.7017,
311.3732, 388.2912

■ 0.0000, 0.0000,
0.1476

■ 0.0000, 0.0000,
0.0000

■ 47.0885, 45.7591,
64.1082

■ 47.0885, 45.7591,
64.1082

■ 40.6501, 36.9608,
62.7500

■ 54.3658, 55.8915,
65.6811

■ 35.0139, 29.4335,
61.5942

■ 62.5085, 67.4057,
67.4744

■ 30.1462, 23.1177,
60.6316

■ 71.5471, 80.3546,
69.4974

■ 26.0095, 17.9467,
59.8516

■ 80.8663, 93.5002,
71.5436

■ 22.5625, 13.8470,
59.2419

■ 84.8169, 95.5368,
71.7285

■ 19.7594, 10.7365,
58.7893

■ 88.0196, 97.1878,
71.8783

■ 17.5478, 8.5203,
58.4781

■ 15.8651, 7.0835,
58.2894

■ 15.1228, 6.5231,
58.2204

Harmonies

Analogous

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



44.2415, 45.7591, 68.0402



47.0885, 45.7591, 64.1082



49.0319, 45.7591, 56.4295

Triad

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



47.0885, 45.7591, 64.1082



45.7418, 45.7591, 36.0893



38.0266, 45.7591, 51.9868

Complementary

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



47.0885, 45.7591, 64.1082



51.3090, 57.9654, 49.0438

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.



38.3871, 45.7591, 43.7550



47.0885, 45.7591, 64.1082



42.7523, 45.7591, 35.1890

Square

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



47.0885, 45.7591, 64.1082



48.2299, 45.7591, 40.4547



40.0847, 45.7591, 37.8366



39.0763, 45.7591, 60.5383

Rectangle

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



47.0885, 45.7591, 64.1082



49.5053, 45.7591, 50.5686



40.0847, 45.7591, 37.8366



37.9877, 45.7591, 49.0865

Sweetspot

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



47.0899, 45.7610, 64.1092



89.7872, 92.5840, 107.7459



47.6599, 51.4426, 65.1758



19.0119, 19.5272, 23.0170



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.



47.0899, 45.7610, 64.1092



73.1844, 69.5261, 104.1704



50.8434, 47.6961, 64.2849



11.0551, 11.0777, 14.1259



9.5190, 4.1148, 36.2488



0.5775, 0.2568, 1.8741

Inverse Universe

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



50.0228, 47.4468, 56.3929



79.0765, 72.9146, 88.5880



47.8164, 56.1649, 48.8804



11.4742, 11.3184, 13.0316



17.6908, 8.8869, 11.3563



0.9503, 0.4735, 0.7841

Previews

White Background



This preview shows how the XYZ color 47.0885, 45.7591, 64.1082 looks on a white background.

Color Contrast Check

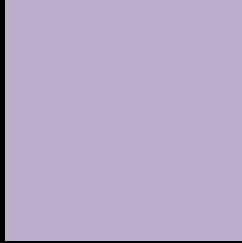
Large Text (above 18pt) WCAG AA × Fail

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 47.0885, 45.7591, 64.1082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

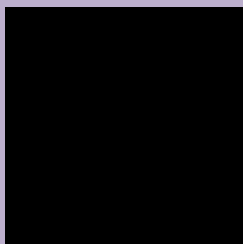
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0885, 45.7591, 64.1082

Background



This preview shows how black text looks on a background with the XYZ color 47.0885, 45.7591, 64.1082.



This preview shows how white text looks on a background with the XYZ color 47.0885, 45.7591,

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

47.0885, 45.7591, 64.1082

Protanopia

45.0618, 45.8592, 65.5082

Deuteranopia

46.7945, 45.8975, 64.1504



Tritanopia

45.3758, 45.6450, 55.7090

Trichromacy



Original Color

47.0885, 45.7591, 64.1082

Protanomaly

45.8834, 46.0003, 64.8532

Deuteranomaly

47.0383, 46.0232, 64.1618

Tritanomaly

45.9827, 45.6010, 58.6029

Monochromacy



Original Color

47.0885, 45.7591, 64.1082

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1815, 46.1483, 55.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0885, 45.7591, 64.1082 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(188, 175, 205)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 205)  
}
```

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(188, 175, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.0885, 45.7591, 64.1082 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(188, 175, 205) }
```


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

```
.border{ border-color:rgb(188, 175, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 205);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0885, 45.7591, 64.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 205) }
```

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

```
.background{ background-color: rgb(188,  
175, 205) }
```

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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