

Converting Colors

XYZ(46.0427, 44.9460, 63.3755)

Have a look what the booklet for
XYZ(46.0427, 44.9460, 63.3755)
contains.

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Color

**XYZ(46.0427, 44.9460,
63.3755)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AECC
RGB	185, 174, 204
RGB Percent	73%, 68%, 80%
CMY	0.2745, 0.3176, 0.2000
CMYK	0.09, 0.15, 0.00, 0.20
HSL	262°, 23%, 74%
HSV	262°, 15%, 80%
XYZ	46.0427, 44.9460, 63.3755
YIQ	180.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

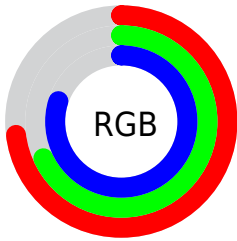
Format	Color
RYB	185, 174, 204
Decimal	12168908
CIELab	72.86, 9.68, -13.79
CIELCh	73, 16.848, 305.083
Yxy	44.9460, 0.2983, 0.2912
Android (android.graphics.Color)	4290358988 (0xFFB9AECC)
YUV	180.7090, 11.4825, 3.7632
Hunter-Lab	67.0418, 5.2664, -9.1184

Details

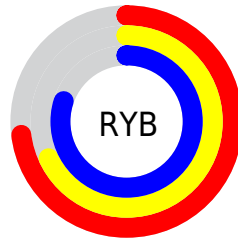
The XYZ color **46.0427, 44.9460, 63.3755** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2268, 57.5804, 48.4607**, and the grayscale version is **43.7062, 45.9823, 50.0747**.

A 20% lighter version of the original color is **82.3449, 81.9594, 106.0874**, and **21.9803, 21.0266, 31.7542** is the 20% darker color. If you saturate the color by 10%, you get **39.4205, 36.1202, 62.0217**, and if you desaturate by 10%, it is **53.5494, 55.1187, 64.9441**.

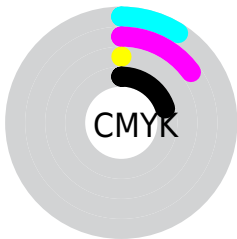
Distribution



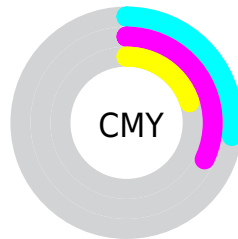
- Red (73%)
- Green (68%)
- Blue (80%)



- Red (73%)
- Yellow (68%)
- Blue (80%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0427, 44.9460, 63.3755 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 46.0427, 44.9460, 63.3755 by changing the saturation by 10% instead.

■ 46.0427, 44.9460,
63.3755

■ 46.0427, 44.9460,
63.3755

361.6934,
366.5548, 455.0764

■ 32.4843, 31.4149,
45.7021

■ 83.5104, 82.6394,
111.3019

■ 21.8890, 20.9150,
31.6638

108.1503,
107.5704, 142.3919

■ 13.8915, 13.0619,
20.8422

137.2149,
137.0703, 178.7913

■ 8.1264, 7.4712,
12.8186

171.0693,
171.5233, 220.9184

■ 4.2285, 3.7585,
7.1745

210.0790,
211.3138, 269.1920

■ 1.8322, 1.5394,
3.4914

254.6094,

■ 0.5369, 0.3162,

256.8263, 324.0305

1.3507

305.0257,
308.4452, 385.8524

■ 0.0000, 0.0000,
0.1028

■ 0.0000, 0.0000,
0.0000

■ 46.0427, 44.9460,
63.3755

■ 46.0427, 44.9460,
63.3755

■ 39.4205, 36.1202,
62.0217

■ 53.5494, 55.1187,
64.9441

■ 33.6444, 28.5779,
60.8703

■ 61.9691, 66.6868,
66.7332

■ 28.6790, 22.2591,
59.9124

■ 71.3337, 79.7033,
68.7520

■ 24.4845, 17.0965,
59.1370

■ 81.4794, 93.8302,
70.9441

■ 21.0177, 13.0164,
58.5321

■ 85.9428, 96.1311,
71.1530

■ 18.2303, 9.9358,
58.0844

■ 87.8992, 97.1397,
71.2445

■ 16.0677, 7.7594,
57.7783

■ 14.4645, 6.3720,
57.5950

■ 13.7845, 5.8471,
57.5295

Harmonies

Analogous

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



43.2212, 44.9460, 66.8466



46.0427, 44.9460, 63.3755



48.0393, 44.9460, 56.0608

Triad

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



46.0427, 44.9460, 63.3755



45.1393, 44.9460, 35.7077



37.3469, 44.9460, 50.3830

Complementary

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



46.0427, 44.9460, 63.3755



51.2268, 57.5804, 48.4607

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.



37.8083, 44.9460, 42.4466



46.0427, 44.9460, 63.3755



42.2223, 44.9460, 34.5538

Square

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



46.0427, 44.9460, 63.3755



47.5012, 44.9460, 40.2329



39.5608, 44.9460, 36.8796



38.2706, 44.9460, 58.8173

Rectangle

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



46.0427, 44.9460, 63.3755



48.5864, 44.9460, 50.3355



39.5608, 44.9460, 36.8796



37.3456, 44.9460, 47.5677

Sweetspot

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



46.0441, 44.9479, 63.3765



89.5449, 92.4591, 107.7346



47.5369, 51.7212, 64.6052



18.9507, 19.4956, 23.0142



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.



46.0441, 44.9479, 63.3765



72.2164, 69.0271, 104.1251



49.7226, 46.8442, 63.5486



10.9837, 11.0409, 14.1226



8.7702, 3.7287, 36.2137



0.5354, 0.2351, 1.8721

Inverse Universe

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



49.6651, 46.9617, 56.9011



79.5229, 73.0932, 90.9387



47.7094, 55.7671, 48.2961



11.5063, 11.3312, 13.2006



18.2224, 9.0996, 14.1559



0.9758, 0.4837, 0.9185

Previews

White Background



This preview shows how the XYZ color 46.0427, 44.9460, 63.3755 looks on a white background.

Color Contrast Check

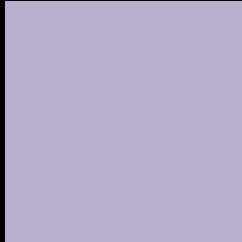
Large Text (above 18pt) WCAG AA × Fail

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 46.0427, 44.9460, 63.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

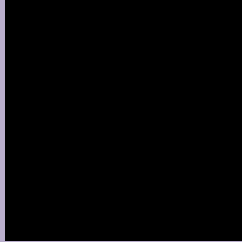
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0427, 44.9460, 63.3755

Background



This preview shows how black text looks on a background with the XYZ color 46.0427, 44.9460, 63.3755.



This preview shows how white text looks on a background with the XYZ color 46.0427, 44.9460,

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

46.0427, 44.9460, 63.3755

Protanopia

44.3183, 44.8992, 64.7231

Deuteranopia

45.8023, 44.8221, 63.3642



Tritanopia

44.3480, 44.8357, 55.0320

Trichromacy



Original Color

46.0427, 44.9460, 63.3755

Protanomaly

44.9049, 44.9234, 64.0620

Deuteranomaly

45.8023, 44.8221, 63.3642

Tritanomaly

44.9475, 44.7904, 57.9062

Monochromacy



Original Color

46.0427, 44.9460, 63.3755

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.3971, 45.4600, 54.5788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0427, 44.9460, 63.3755 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(185, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 204)  
}
```

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(185, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 204) }
```

Border

The CSS property to change the border of an element to XYZ 46.0427, 44.9460, 63.3755 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(185, 174, 204) }
```


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

```
.border{ border-color:rgb(185, 174, 204) }
```

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

Here you see how a box with a 4 pixel rgb(185, 174, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0427, 44.9460, 63.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 204) }
```

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

```
.background{ background-color: rgb(185,  
174, 204) }
```

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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