

Converting Colors

XYZ(46.0189, 45.1368, 67.2596)

Have a look what the booklet for
XYZ(46.0189, 45.1368, 67.2596)
contains.

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Color

**XYZ(46.0189, 45.1368,
67.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AFD2
RGB	181, 175, 210
RGB Percent	71%, 69%, 82%
CMY	0.2902, 0.3137, 0.1765
CMYK	0.14, 0.17, 0.00, 0.18
HSL	250°, 28%, 75%
HSV	250°, 17%, 82%
XYZ	46.0189, 45.1368, 67.2596
YIQ	180.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

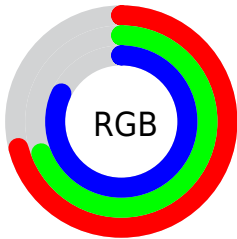
Format	Color
R_{YB}	181, 175, 210
Decimal	11907026
CIE _{Lab}	72.98, 9.07, -16.91
CIE _{LCh}	73, 19.195, 298.214
Yxy	45.1368, 0.2905, 0.2849
Android (android.graphics.Color)	4290097106 (0xFFB5AFD2)
YUV	180.7840, 14.4035, 0.1894
Hunter-Lab	67.1839, 4.6951, -12.3280

Details

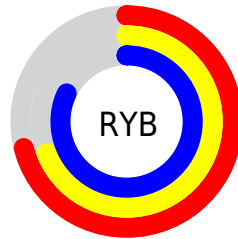
The XYZ color **46.0189, 45.1368, 67.2596** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6877, 62.0268, 49.5968**, and the grayscale version is **43.7331, 46.0107, 50.1056**.

A 20% lighter version of the original color is **81.5510, 82.3764, 106.2098**, and **21.9014, 21.1217, 33.9329** is the 20% darker color. If you saturate the color by 10%, you get **38.4169, 35.6158, 65.8232**, and if you desaturate by 10%, it is **54.7689, 56.1955, 68.9337**.

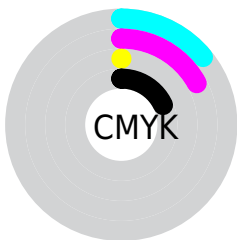
Distribution



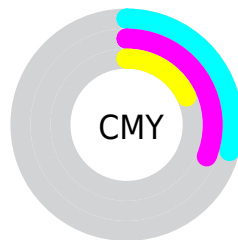
- Red (71%)
- Green (69%)
- Blue (82%)



- Red (71%)
- Yellow (69%)
- Blue (82%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0189, 45.1368, 67.2596 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 46.0189, 45.1368, 67.2596 by changing the saturation by 10% instead.

■ 46.0189, 45.1368,
67.2596

■ 46.0189, 45.1368,
67.2596

361.5993,
367.3273, 469.3949

■ 32.4654, 31.5652,
48.8327

■ 83.4750, 82.9257,
116.9365

■ 21.8745, 21.0296,
34.1221

108.1083,
107.9117, 149.0236

■ 13.8808, 13.1456,
22.7093

137.1656,
137.4713, 186.5011

■ 8.1190, 7.5289,
14.1757

171.0122,
171.9890, 229.7877

■ 4.2236, 3.7950,
8.1028

210.0135,
211.8490, 279.3018

■ 1.8294, 1.5596,
4.0721

254.5349,

■ 0.5353, 0.3301,

257.4358, 335.4620

1.6650

304.9417,
309.1338, 398.6869

■ 0.0000, 0.0000,
0.3366

■ 0.0000, 0.0000,
0.0000

■ 46.0189, 45.1368,
67.2596

■ 46.0189, 45.1368,
67.2596

■ 38.4169, 35.6158,
65.8232

■ 54.7689, 56.1955,
68.9337

■ 31.9108, 27.5586,
64.6110

■ 64.7079, 68.8501,
70.8524

■ 26.4504, 20.8938,
63.6123

■ 75.8799, 83.1628,
73.0262

■ 21.9802, 15.5414,
62.8148

■ 87.0347, 96.6092,
75.0337

■ 18.4392, 11.4135,
62.2047

■ 88.6330, 97.4332,
75.1085

■ 15.7596, 8.4112,
61.7664

■ 13.8636, 6.4197,
61.4819

■ 12.6555, 5.2932,
61.3282

■ 12.3603, 5.0281,
61.2926

Harmonies

Analogous

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



42.7007, 45.1368, 69.9861



46.0189, 45.1368, 67.2596



48.6125, 45.1368, 59.5178

Triad

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



46.0189, 45.1368, 67.2596



46.3843, 45.1368, 35.0746



36.7798, 45.1368, 48.5735

Complementary

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



46.0189, 45.1368, 67.2596



55.6877, 62.0268, 49.5968

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.



37.6557, 45.1368, 40.0556



46.0189, 45.1368, 67.2596



43.1023, 45.1368, 32.9180

Square

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



46.0189, 45.1368, 67.2596



48.8310, 45.1368, 40.9310



39.9275, 45.1368, 34.6173



37.4719, 45.1368, 58.3933

Rectangle

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



46.0189, 45.1368, 67.2596



49.5205, 45.1368, 53.0115



39.9275, 45.1368, 34.6173



36.8997, 45.1368, 45.4737

Sweetspot

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



46.0203, 45.1387, 67.2606



87.3360, 90.1842, 107.4119



50.9459, 57.0334, 69.2969



18.4696, 19.0189, 22.9475



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.



46.0203, 45.1387, 67.2606



67.0084, 64.5132, 103.5283



50.3409, 47.3661, 67.4628



11.3499, 11.5137, 14.8678



7.5982, 3.0973, 37.3899



0.4843, 0.2038, 2.0934

Inverse Universe

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



52.8088, 48.7230, 63.7497



79.5072, 71.1155, 96.9335



51.1979, 59.7122, 49.3866



12.2202, 11.9728, 14.4353



20.9059, 10.2352, 25.4744



1.1925, 0.5817, 1.5483

Previews

White Background



This preview shows how the XYZ color 46.0189, 45.1368, 67.2596 looks on a white background.

Color Contrast Check

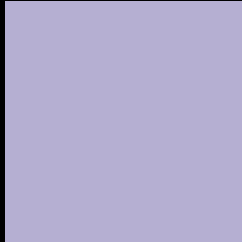
Large Text (above 18pt) WCAG AA × Fail

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 46.0189, 45.1368, 67.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

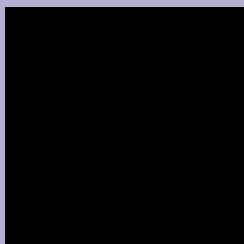
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0189, 45.1368, 67.2596

Background



This preview shows how black text looks on a background with the XYZ color 46.0189, 45.1368, 67.2596.



This preview shows how white text looks on a background with the XYZ color 46.0189, 45.1368,

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

46.0189, 45.1368, 67.2596

Protanopia

44.8173, 45.3649, 68.6815

Deuteranopia

46.2542, 45.2582, 67.2706



Tritanopia

43.7949, 45.1115, 56.2683

Trichromacy



Original Color

46.0189, 45.1368, 67.2596

Protanomaly

45.1592, 45.2614, 67.9842

Deuteranomaly

46.2542, 45.2582, 67.2706

Tritanomaly

44.6213, 45.1515, 60.3961

Monochromacy



Original Color

46.0189, 45.1368, 67.2596

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6906, 45.8697, 56.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0189, 45.1368, 67.2596 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(181, 175, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 210)  
}
```

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(181, 175, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 210) }
```

Border

The CSS property to change the border of an element to XYZ 46.0189, 45.1368, 67.2596 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(181, 175, 210) }
```


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

```
.border{ border-color:rgb(181, 175, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0189, 45.1368, 67.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 210) }
```

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

```
.background{ background-color: rgb(181,  
175, 210) }
```

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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