

Converting Colors

XYZ(46.2947, 45.6131, 69.5606)

Have a look what the booklet for
XYZ(46.2947, 45.6131, 69.5606)
contains.

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Color

**XYZ(46.1260, 45.4385,
69.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B0D5
RGB	179, 176, 213
RGB Percent	70%, 69%, 84%
CMY	0.2980, 0.3098, 0.1647
CMYK	0.16, 0.17, 0.00, 0.16
HSL	245°, 31%, 76%
HSV	245°, 17%, 84%
XYZ	46.1260, 45.4385, 69.2902
YIQ	181.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

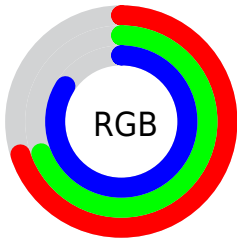
Format	Color
R_{YB}	179, 176, 213
Decimal	11776213
CIE Lab	73.18, 8.53, -18.27
CIE LCh	73, 20.162, 295.017
Yxy	45.4385, 0.2868, 0.2825
Android (android.graphics.Color)	4289966293 (0xFFB3B0D5)
YUV	181.1150, 15.7193, -1.8549
Hunter-Lab	67.4081, 4.1798, -13.7598

Details

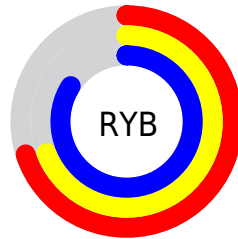
The XYZ color **46.1260, 45.4385, 69.2902** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.2106, 64.4259, 50.4438**, and the grayscale version is **43.9059, 46.1924, 50.3036**.

A 20% lighter version of the original color is **81.1676, 82.5954, 106.2723**, and **21.9834, 21.3195, 35.3042** is the 20% darker color. If you saturate the color by 10%, you get **38.0656, 35.5632, 67.8096**, and if you desaturate by 10%, it is **55.4867, 56.9592, 71.0213**.

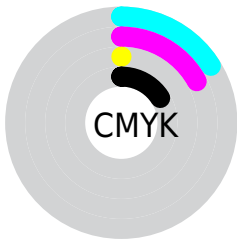
Distribution



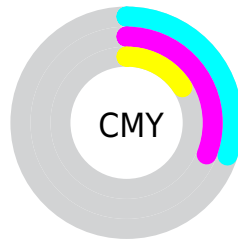
- Red (70%)
- Green (69%)
- Blue (84%)



- Red (70%)
- Yellow (69%)
- Blue (84%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1260, 45.4385, 69.2902 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 46.1260, 45.4385, 69.2902 by changing the saturation by 10% instead.

■ 46.1260, 45.4385,
69.2902

■ 46.1260, 45.4385,
69.2902

362.0224,
368.5466, 476.7755

■ 32.5503, 31.8030,
50.4749

■ 83.6342, 83.3780,
119.8676

■ 21.9398, 21.2110,
35.4170

108.2975,
108.4508, 152.4667

■ 13.9290, 13.2784,
23.6982

137.3873,
138.1048, 190.4975

■ 8.1527, 7.6205,
14.8998

171.2691,
172.7244, 234.3785

■ 4.2454, 3.8531,
8.6032

210.3081,
212.6940, 284.5282

■ 1.8419, 1.5917,
4.3900

254.8698,

■ 0.5427, 0.3520,

258.3979, 341.3653

1.8417

305.3194,
310.2207, 405.3082

■ 0.0000, 0.0000,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 46.1260, 45.4385,
69.2902

■ 46.1260, 45.4385,
69.2902

■ 38.0656, 35.5632,
67.8096

■ 55.4867, 56.9592,
71.0213

■ 31.2439, 27.2528,
66.5651

■ 66.1972, 70.1896,
73.0105

■ 25.6006, 20.4285,
65.5453

■ 78.3097, 85.1975,
75.2689

■ 21.0686, 15.0025,
64.7369

■ 89.0104, 97.5842,
77.0958

■ 17.5743, 10.8778,
64.1249

■ 15.0347, 7.9446,
63.6926

■ 13.3543, 6.0755,
63.4204

■ 12.4112, 5.1011,
63.2820

■ 12.2462, 4.9257,
63.2568

Harmonies

Analogous

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



42.6003, 45.4385, 71.5070



46.1260, 45.4385, 69.2902



48.9986, 45.4385, 61.4933

Triad

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



46.1260, 45.4385, 69.2902



47.2025, 45.4385, 35.1805



36.7654, 45.4385, 47.8035

Complementary

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



46.1260, 45.4385, 69.2902



58.2106, 64.4259, 50.4438

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.



37.8558, 45.4385, 39.1341



46.1260, 45.4385, 69.2902



43.7809, 45.4385, 32.5083

Square

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



46.1260, 45.4385, 69.2902



49.6435, 45.4385, 41.6923



40.3774, 45.4385, 33.8508



37.3178, 45.4385, 58.1701

Rectangle

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



46.1260, 45.4385, 69.2902



50.0909, 45.4385, 54.6790



40.3774, 45.4385, 33.8508



36.9502, 45.4385, 44.6117

Sweetspot

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



46.1274, 45.4404, 69.2912



86.9366, 89.9783, 107.3932



53.0946, 60.3924, 71.8100



18.3730, 18.9690, 22.9430



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.



46.1274, 45.4404, 69.2912



64.4369, 62.2951, 103.2357



50.5544, 47.7226, 69.4984



11.8349, 12.0563, 15.6408



7.5151, 3.0267, 38.6413



0.4865, 0.1997, 2.3322

Inverse Universe

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



54.6003, 49.8519, 67.7194



79.5908, 70.1871, 100.3391



53.3788, 61.9350, 50.2177



12.9076, 12.6145, 15.4536



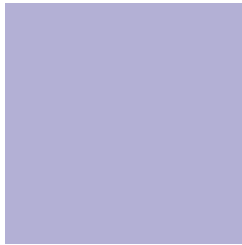
22.8482, 11.0756, 32.8342



1.3912, 0.6733, 2.0496

Previews

White Background



This preview shows how the XYZ color 46.1260, 45.4385, 69.2902 looks on a white background.

Color Contrast Check

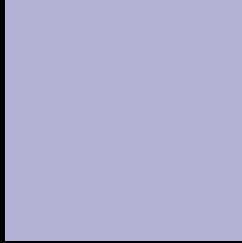
Large Text (above 18pt) WCAG AA × Fail

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 46.1260, 45.4385, 69.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

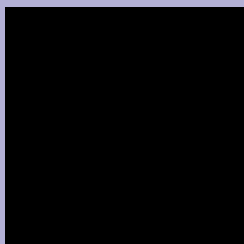
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1260, 45.4385, 69.2902

Background



This preview shows how black text looks on a background with the XYZ color 46.1260, 45.4385, 69.2902.



This preview shows how white text looks on a background with the XYZ color 46.1260, 45.4385,

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

46.1260, 45.4385, 69.2902

Protanopia

45.0713, 45.4665, 70.0187

Deuteranopia

46.3963, 45.2878, 69.2469



Tritanopia

43.7622, 45.3653, 57.4888

Trichromacy



Original Color

46.1260, 45.4385, 69.2902

Protanomaly

45.5389, 45.4133, 69.9838

Deuteranomaly

46.1626, 45.1673, 69.2359

Tritanomaly

44.5945, 45.4049, 61.6720

Monochromacy



Original Color

46.1260, 45.4385, 69.2902

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.5681, 45.7938, 56.9422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1260, 45.4385, 69.2902 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(179, 176, 213)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 213)  
}
```

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(179, 176, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 213) }
```

Border

The CSS property to change the border of an element to XYZ 46.1260, 45.4385, 69.2902 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(179, 176, 213) }
```


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

```
.border{ border-color:rgb(179, 176, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 213);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1260, 45.4385, 69.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 213) }
```

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

```
.background{ background-color: rgb(179,  
176, 213) }
```

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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