

Converting Colors

XYZ(52.7108, 46.5660, 74.2155)

Have a look what the booklet for
XYZ(52.7108, 46.5660, 74.2155)
contains.

XYZ(52.6530, 46.4380, 73.8985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6530, 46.4380,
73.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA8DC
RGB	207, 168, 220
RGB Percent	81%, 66%, 86%
CMY	0.1882, 0.3412, 0.1373
CMYK	0.06, 0.24, 0.00, 0.14
HSL	285°, 43%, 76%
HSV	285°, 24%, 86%
XYZ	52.6530, 46.4380, 73.8985
YIQ	185.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

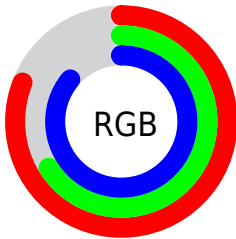
Format	Color
R _Y B	207, 168, 220
Decimal	13609180
CIE Lab	73.83, 23.45, -20.88
CIE LCh	74, 31.401, 318.314
Yxy	46.4380, 0.3044, 0.2684
Android (android.graphics.Color)	4291799260 (0xFFCFA8DC)
YUV	185.5890, 16.9646, 18.7774
Hunter-Lab	68.1454, 18.6646, -16.5937

Details

The XYZ color **52.6530, 46.4380, 73.8985** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7189, 63.8386, 46.6443**, and the grayscale version is **46.3493, 48.7630, 53.1029**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **25.9858, 21.8828, 38.4515** is the 20% darker color. If you saturate the color by 10%, you get **47.4204, 38.2136, 72.5875**, and if you desaturate by 10%, it is **58.6292, 56.0681, 75.4430**.

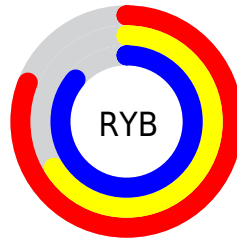
Distribution



Red (81%)

Green (66%)

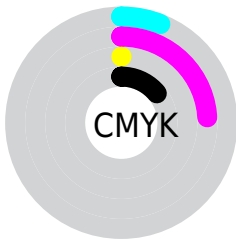
Blue (86%)



Red (81%)

Yellow (66%)

Blue (86%)

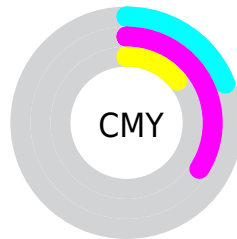


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (19%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6530, 46.4380, 73.8985 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 52.6530, 46.4380, 73.8985 by changing the saturation by 10% instead.

52.6530, 46.4380,
73.8985

52.6530, 46.4380,
73.8985

387.2351,
372.5668, 493.2770

37.7522, 32.5916,
54.2147

93.2621, 84.8741,
126.4846

25.9668, 21.8138,
38.3790

119.7011,
110.2326, 160.2240

16.9313, 13.7201,
25.9728

150.7169,
140.1973, 199.4857

10.2805, 7.9263,
16.5777

186.6749,
175.1525, 244.6882

5.6490, 4.0478,
9.7751

227.9403,
215.4827, 296.2500

2.6715, 1.7003,
5.1465

274.8786,

0.9825, 0.4239,

261.5722, 354.5897

2.2732

327.8550,
313.8054, 420.1259

■ 0.0000, 0.0000,
0.7162

■ 0.0000, 0.0000,
0.0000

■ 52.6530, 46.4380,
73.8985

■ 52.6530, 46.4380,
73.8985

■ 47.4204, 38.2136,
72.5875

■ 58.6292, 56.0681,
75.4430

■ 42.8918, 31.3197,
71.4955

■ 65.3772, 67.1625,
77.2288

■ 39.0307, 25.6827,
70.6110

■ 72.9291, 79.7838,
79.2669

■ 35.7951, 21.2197,
69.9201

■ 80.9923, 93.3458,
81.4597

■ 33.1379, 17.8373,
69.4073

■ 82.7754, 94.2650,
81.5431

■ 31.0050, 15.4280,
69.0547

■ 84.6146, 95.2131,
81.6292

■ 29.3305, 13.8613,
68.8405

■ 86.5104, 96.1905,
81.7179

■ 28.4352, 13.1665,
68.7536

■ 88.4633, 97.1972,
81.8093

■ 89.9184, 97.9474,
81.8774

Harmonies

Analogous

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



47.5989, 46.4380, 85.7405



52.6530, 46.4380, 73.8985



55.5112, 46.4380, 57.0520

Triad

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



52.6530, 46.4380, 73.8985



46.3490, 46.4380, 26.0298



34.7079, 46.4380, 60.8554

Complementary

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



52.6530, 46.4380, 73.8985



51.7189, 63.8386, 46.6443

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.



34.4349, 46.4380, 44.5859



52.6530, 46.4380, 73.8985



40.8489, 46.4380, 26.6253

Square

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



52.6530, 46.4380, 73.8985



51.6718, 46.4380, 30.8977



36.5943, 46.4380, 32.7435



37.3744, 46.4380, 77.1836

Rectangle

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



52.6530, 46.4380, 73.8985



55.6392, 46.4380, 46.2454



36.5943, 46.4380, 32.7435



34.3420, 46.4380, 55.1415

Sweetspot

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



52.6545, 46.4400, 73.8995



87.9948, 88.2987, 107.0133



45.7693, 46.8956, 74.3503



18.7099, 18.6942, 22.8722



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.



52.6545, 46.4400, 73.8995



70.0824, 59.3653, 102.3726



54.8880, 47.7704, 65.9175



13.2799, 13.1024, 16.4812



16.7949, 7.7823, 40.3553



1.1649, 0.5438, 2.6180

Inverse Universe

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



51.8600, 46.5592, 49.9719



68.8932, 59.6133, 63.4122



49.9951, 62.8132, 52.7425



13.1889, 13.1047, 14.2561



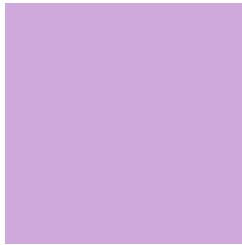
17.7647, 9.1069, 3.1410



1.1854, 0.6038, 0.3853

Previews

White Background



This preview shows how the XYZ color 52.6530, 46.4380, 73.8985 looks on a white background.

Color Contrast Check

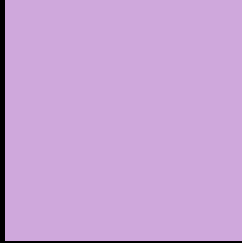
Large Text (above 18pt) WCAG AA × Fail

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 52.6530, 46.4380, 73.8985 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 52.6530, 46.4380, 73.8985

Background



This preview shows how black text looks on a background with the XYZ color 52.6530, 46.4380, 73.8985.



This preview shows how white text looks on a background with the XYZ color 52.6530, 46.4380,

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

52.6530, 46.4380, 73.8985

Protanopia

46.9024, 46.7900, 79.9581

Deuteranopia

47.6313, 46.7265, 72.8383



Tritanopia

48.5703, 46.4595, 53.9846

Trichromacy



Original Color

52.6530, 46.4380, 73.8985

Protanomaly

48.6444, 46.5542, 77.6562

Deuteranomaly

49.1574, 46.3337, 73.3703

Tritanomaly

50.0797, 46.5125, 60.9819

Monochromacy



Original Color

52.6530, 46.4380, 73.8985

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.5613, 47.7868, 60.0904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6530, 46.4380, 73.8985 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, 168, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 220)  
}
```

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, 168, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 220) }
```

Border

The CSS property to change the border of an element to XYZ 52.6530, 46.4380, 73.8985 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, 168, 220) }
```


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

```
.border{ border-color:rgb(207, 168, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6530, 46.4380, 73.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 220) }
```

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

```
.background{ background-color: rgb(207,  
168, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor