

Converting Colors

XYZ(46.8573, 38.4971, 60.0838)

Have a look what the booklet for
XYZ(46.8573, 38.4971, 60.0838)
contains.

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Color

**XYZ(46.7085, 38.3499,
60.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	CF93C9
RGB	207, 147, 201
RGB Percent	81%, 58%, 79%
CMY	0.1882, 0.4235, 0.2118
CMYK	0.00, 0.29, 0.03, 0.19
HSL	306°, 38%, 69%
HSV	306°, 29%, 81%
XYZ	46.7085, 38.3499, 60.1988
YIQ	171.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

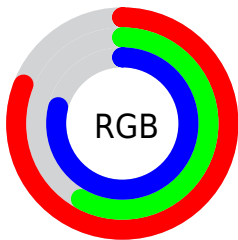
Format	Color
R _Y B	207, 147, 201
Decimal	13603785
CIE Lab	68.28, 31.30, -18.84
CIE LCh	68, 36.536, 328.954
Yxy	38.3499, 0.3216, 0.2640
Android (android.graphics.Color)	4291793865 (0xFFCF93C9)
YUV	171.0960, 14.7427, 31.4878
Hunter-Lab	61.9273, 26.2604, -14.2860

Details

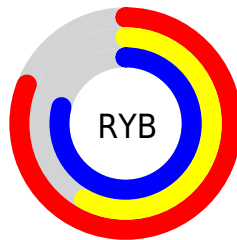
The XYZ color **46.7085, 38.3499, 60.1988** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0968, 53.1299, 38.2810**, and the grayscale version is **38.6797, 40.6941, 44.3159**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **22.3076, 16.9664, 29.7029** is the 20% darker color. If you saturate the color by 10%, you get **43.5331, 32.3856, 57.9472**, and if you desaturate by 10%, it is **50.4687, 45.4772, 62.6624**.

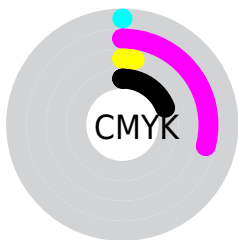
Distribution



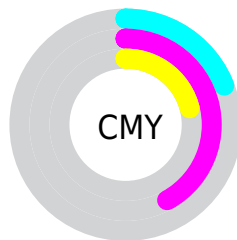
- Red (81%)
- Green (58%)
- Blue (79%)



- Red (81%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7085, 38.3499, 60.1988 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 46.7085, 38.3499, 60.1988 by changing the saturation by 10% instead.


 46.7085, 38.3499,
60.1988

 46.7085, 38.3499,
60.1988


364.3182,
339.1186, 443.1551

 33.0123, 26.2544,
43.1525


 84.4997, 72.6441,
106.6642

 22.2951, 17.0140,
29.6725


 109.3254, 95.6116,
136.9204

 14.1917, 10.2445,
19.3402


138.5917,
122.9719, 172.4170

 8.3367, 5.5614,
11.7371

172.6638,
155.1093, 213.5726

 4.3648, 2.5802,
6.4446

211.9071,
192.4083, 260.8057

 1.9105, 0.9167,
3.0441

256.6871,

 0.5829, 0.0000,

235.2532, 314.5347

1.1172

307.3690,
284.0285, 375.1784

■ 0.0000, 0.0000,
0.0000

■ 46.7085, 38.3499,
60.1988

■ 46.7085, 38.3499,
60.1988

■ 43.5331, 32.3856,
57.9472

■ 50.4687, 45.4772,
62.6624

■ 40.9079, 27.5171,
55.8947

■ 54.8389, 53.8199,
65.3452

■ 38.8001, 23.6782,
54.0307

■ 59.8472, 63.4335,
68.2569

■ 37.1718, 20.7932,
52.3426

■ 65.5188, 74.3683,
71.4062

■ 35.9802, 18.7764,
50.8160

■ 71.8775, 86.6722,
74.8010

■ 35.1747, 17.5265,
49.4339

■ 73.5565, 89.6112,
76.6523

■ 34.6725, 16.8781,
48.1688

■ 73.8217, 89.7173,
78.0490

■ 34.6272, 16.8235,
48.0430

■ 74.0903, 89.8247,
79.4634

■ 74.3623, 89.9335,
80.8956

Harmonies

Analogous

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



42.0382, 38.3499, 75.8266



46.7085, 38.3499, 60.1988



48.5898, 38.3499, 42.3344

Triad

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



46.7085, 38.3499, 60.1988



36.6516, 38.3499, 17.5174



27.6489, 38.3499, 58.9363

Complementary

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



46.7085, 38.3499, 60.1988



40.0968, 53.1299, 38.2810

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.



26.5227, 38.3499, 41.1840



46.7085, 38.3499, 60.1988



31.3812, 38.3499, 19.8144

Square

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



46.7085, 38.3499, 60.1988



42.4219, 38.3499, 20.1664



27.8163, 38.3499, 27.5274



31.0674, 38.3499, 74.9736

Rectangle

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



46.7085, 38.3499, 60.1988



47.8733, 38.3499, 32.3386



27.8163, 38.3499, 27.5274



27.0066, 38.3499, 52.8455

Sweetspot

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



46.7097, 38.3516, 60.1996



87.7933, 86.0744, 104.6689



34.8348, 32.1467, 63.4013



18.5575, 17.9759, 22.2632



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.



46.7097, 38.3516, 60.1996



71.4767, 55.1000, 94.1163



43.5180, 37.0749, 43.3923



12.2577, 11.9878, 14.6329



21.8364, 10.6074, 30.3742



1.2360, 0.5991, 1.7778

Inverse Universe

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



46.7097, 38.3516, 60.1996



71.4767, 55.1000, 94.1163



42.8942, 54.2488, 53.0115



12.2577, 11.9878, 14.6329



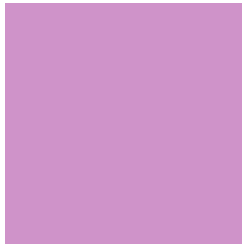
21.8364, 10.6074, 30.3742



1.2360, 0.5991, 1.7778

Previews

White Background



This preview shows how the XYZ color 46.7085, 38.3499, 60.1988 looks on a white background.

Color Contrast Check

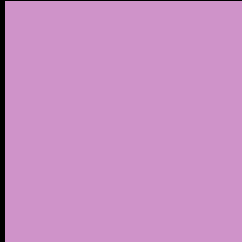
Large Text (above 18pt) WCAG AA × Fail

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 46.7085, 38.3499, 60.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

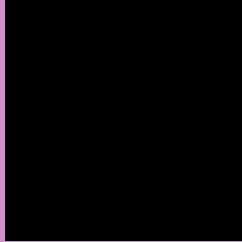
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7085, 38.3499, 60.1988

Background



This preview shows how black text looks on a background with the XYZ color 46.7085, 38.3499, 60.1988.



This preview shows how white text looks on a background with the XYZ color 46.7085, 38.3499,

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

46.7085, 38.3499, 60.1988

Protanopia

38.9192, 38.6353, 69.0244

Deuteranopia

39.4387, 38.5964, 58.7973



Tritanopia

42.7957, 38.4209, 41.2368

Trichromacy



Original Color

46.7085, 38.3499, 60.1988

Protanomaly

40.9691, 37.9414, 65.4857

Deuteranomaly

41.6572, 38.1825, 59.2072

Tritanomaly

44.1051, 38.2253, 47.7014

Monochromacy



Original Color

46.7085, 38.3499, 60.1988

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.1310, 39.4084, 49.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7085, 38.3499, 60.1988 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, 147, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 201)  
}
```

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, 147, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 201) }
```

Border

The CSS property to change the border of an element to XYZ 46.7085, 38.3499, 60.1988 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, 147, 201) }
```


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

```
.border{ border-color:rgb(207, 147, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 147, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7085, 38.3499, 60.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 201) }
```

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

```
.background{ background-color: rgb(207,  
147, 201) }
```

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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