

Converting Colors

XYZ(38.4937, 29.5963, 46.5618)

Have a look what the booklet for
XYZ(38.4937, 29.5963, 46.5618)
contains.

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Color

**XYZ(38.3703, 29.5403,
46.3273)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C57CB3 |
| RGB | 197, 124, 179 |
| RGB Percent | 77%, 49%, 70% |
| CMY | 0.2274, 0.5137, 0.2980 |
| CMYK | 0.00, 0.37, 0.09, 0.23 |
| HSL | 315°, 39%, 63% |
| HSV | 315°, 37%, 77% |
| XYZ | 38.3703, 29.5403, 46.3273 |
| YIQ | 152.0970, 25.8530, 32.5810 |

Conversions

Conversions Part 2

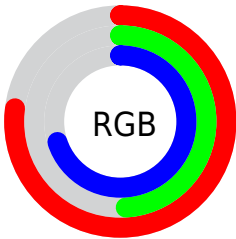
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 197, 124, 179 |
| Decimal | 12942515 |
| CIE Lab | 61.26, 36.54, -17.23 |
| CIE LCh | 61, 40.394, 334.757 |
| Yxy | 29.5403, 0.3359, 0.2586 |
| Android (android.graphics.Color) | 4291132595 (0xFFC57CB3) |
| YUV | 152.0970, 13.2632, 39.3799 |
| Hunter-Lab | 54.3510, 30.9018, -12.4915 |

Details

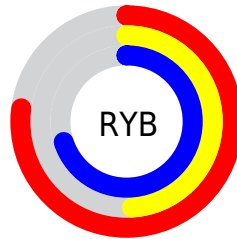
The XYZ color **38.3703, 29.5403, 46.3273** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.1622, 46.1715, 32.7573**, and the grayscale version is **29.8244, 31.3776, 34.1702**.

A 20% lighter version of the original color is **72.1558, 59.0989, 86.2015**, and **17.3038, 12.0222, 21.1472** is the 20% darker color. If you saturate the color by 10%, you get **35.6612, 24.8941, 43.0429**, and if you desaturate by 10%, it is **41.5917, 35.1824, 49.8685**.

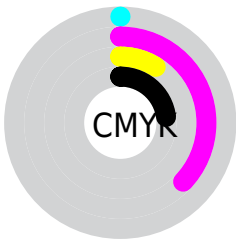
Distribution



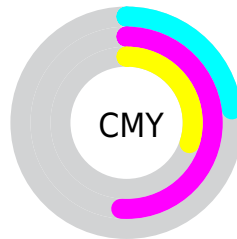
- Red (77%)
- Green (49%)
- Blue (70%)



- Red (77%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3703, 29.5403, 46.3273 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 38.3703, 29.5403, 46.3273 by changing the saturation by 10% instead.


 38.3703, 29.5403,
46.3273


 38.3703, 29.5403,
46.3273


330.4593,
299.7558, 388.4387


 26.4487, 19.4899,
32.1536


 71.9756, 58.9344,
86.0481

 17.2941, 12.0248,
21.2131


 94.3900, 79.0470,
112.4322

 10.5410, 6.7606,
13.0871


 121.0328,
103.2824, 143.7237

 5.8241, 3.3128,
7.3571

152.2693,
132.0250, 180.3409

 2.7781, 1.2972,
3.6046

188.4648,
165.6592, 222.7025

 1.0375, 0.1390,
1.4110

229.9848,

 0.0000, 0.0000,

204.5695, 271.2270

0.1503

277.1945,
249.1402, 326.3328

■ 0.0000, 0.0000,
0.0000

■ 38.3703, 29.5403,
46.3273

■ 38.3703, 29.5403,
46.3273

■ 35.6612, 24.8941,
43.0429

■ 41.5917, 35.1824,
49.8685

■ 33.4319, 21.1806,
40.0027

■ 45.3500, 41.8707,
53.6745

■ 31.6505, 18.3359,
37.1955

■ 49.6712, 49.6567,
57.7554

■ 30.2799, 16.2859,
34.6080

■ 54.5791, 58.5875,
62.1197

■ 29.2769, 14.9443,
32.2248

■ 60.0960, 68.7074,
66.7758

■ 28.5824, 14.1937,
30.0255

■ 66.2429, 80.0584,
71.7315

■ 28.4050, 14.0220,
29.4019

■ 70.7972, 88.1948,
76.2466

■ 71.4233, 88.4453,
79.5435

■ 72.0680, 88.7032,
82.9385

Harmonies

Analogous

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



34.3144, 29.5403, 62.6936



38.3703, 29.5403, 46.3273



39.5402, 29.5403, 29.7982

Triad

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



38.3703, 29.5403, 46.3273



27.2383, 29.5403, 10.9278



20.4913, 29.5403, 51.8974

Complementary

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



38.3703, 29.5403, 46.3273



33.1622, 46.1715, 32.7573

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.



19.0760, 29.5403, 34.6526



38.3703, 29.5403, 46.3273



22.6456, 29.5403, 13.6153

Square

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



38.3703, 29.5403, 46.3273



32.6639, 29.5403, 12.2925



19.8121, 29.5403, 21.2293



23.9413, 29.5403, 66.5570

Rectangle

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



38.3703, 29.5403, 46.3273



38.4154, 29.5403, 21.4004



19.8121, 29.5403, 21.2293



19.7831, 29.5403, 46.0409

Sweetspot

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



38.3712, 29.5416, 46.3279



85.6516, 82.9533, 100.3718



28.2772, 24.1137, 55.9879



18.1044, 17.3435, 21.2681



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.



38.3712, 29.5416, 46.3279



64.9435, 46.4093, 78.4488



35.2281, 28.2844, 29.7765



10.9670, 10.7702, 12.8095



18.7177, 9.2366, 19.5208



0.9138, 0.4483, 1.0690

Inverse Universe

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



38.3712, 29.5416, 46.3279



64.9435, 46.4093, 78.4488



36.2686, 47.4141, 49.1155



10.9670, 10.7702, 12.8095



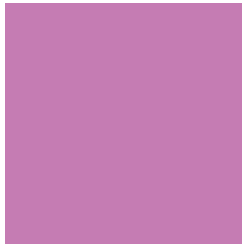
18.7177, 9.2366, 19.5208



0.9138, 0.4483, 1.0690

Previews

White Background



This preview shows how the XYZ color 38.3703, 29.5403, 46.3273 looks on a white background.

Color Contrast Check

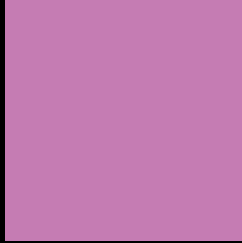
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3703, 29.5403, 46.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

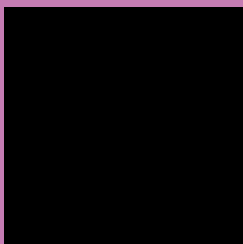
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3703, 29.5403, 46.3273

Background



This preview shows how black text looks on a background with the XYZ color 38.3703, 29.5403, 46.3273.



This preview shows how white text looks on a background with the XYZ color 38.3703, 29.5403,

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

38.3703, 29.5403, 46.3273

Protanopia

30.2757, 29.9585, 55.8166

Deuteranopia

30.4409, 29.8300, 44.7108



Tritanopia

34.6622, 29.3622, 29.0399

Trichromacy



Original Color

38.3703, 29.5403, 46.3273

Protanomaly

32.5185, 29.4085, 52.1066

Deuteranomaly

32.7185, 29.2414, 44.9940

Tritanomaly

35.8837, 29.2742, 34.7696

Monochromacy



Original Color

38.3703, 29.5403, 46.3273

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.3430, 30.2795, 38.3223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3703, 29.5403, 46.3273 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(197, 124, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 179)  
}
```

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(197, 124, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.3703, 29.5403, 46.3273 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(197, 124, 179) }
```


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

```
.border{ border-color:rgb(197, 124, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3703, 29.5403, 46.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 179) }
```

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

```
.background{ background-color: rgb(197,  
124, 179) }
```

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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