

Converting Colors

XYZ(48.2995, 43.5370, 69.4052)

Have a look what the booklet for
XYZ(48.2995, 43.5370, 69.4052)
contains.

XYZ(48.3577, 43.5011, 69.4661)	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(48.3577, 43.5011,
69.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A5D6
RGB	196, 165, 214
RGB Percent	77%, 65%, 84%
CMY	0.2314, 0.3529, 0.1608
CMYK	0.08, 0.23, 0.00, 0.16
HSL	278°, 37%, 74%
HSV	278°, 23%, 84%
XYZ	48.3577, 43.5011, 69.4661
YIQ	179.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

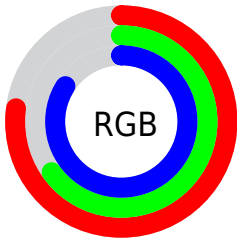
Format	Color
R _Y B	196, 165, 214
Decimal	12887510
CIE Lab	71.89, 20.31, -20.63
CIE LCh	72, 28.949, 314.543
Yxy	43.5011, 0.2998, 0.2696
Android (android.graphics.Color)	4291077590 (0xFFC4A5D6)
YUV	179.8550, 16.8335, 14.1592
Hunter-Lab	65.9554, 15.4522, -16.2772

Details

The XYZ color **48.3577, 43.5011, 69.4661** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3680, 60.8781, 44.6954**, and the grayscale version is **43.2174, 45.4681, 49.5148**.

A 20% lighter version of the original color is **84.1512, 79.2890, 105.4768**, and **23.3185, 20.0642, 35.4447** is the 20% darker color. If you saturate the color by 10%, you get **42.8248, 35.3911, 68.1930**, and if you desaturate by 10%, it is **54.6463, 52.9616, 70.9614**.

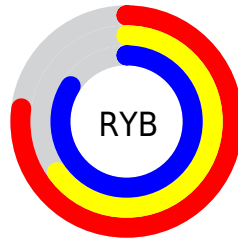
Distribution



Red (77%)

Green (65%)

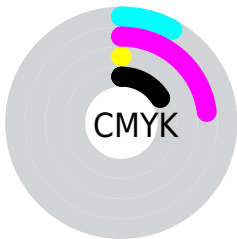
Blue (84%)



Red (77%)

Yellow (65%)

Blue (84%)

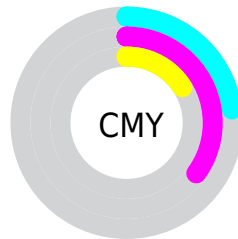


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (23%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3577, 43.5011, 69.4661 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 48.3577, 43.5011, 69.4661 by changing the saturation by 10% instead.


 48.3577, 43.5011,
69.4661


 48.3577, 43.5011,
69.4661


370.7673,
360.6685, 477.4115

 34.3227, 30.2785,
50.6173

 86.9432, 80.4665,
120.1210

 23.3057, 20.0501,
35.5295


 112.2244,
104.9781, 152.7642

 14.9413, 12.4314,
23.7842


141.9851,
134.0214, 190.8426

 8.8642, 7.0382,
14.9629

176.5905,
167.9809, 234.7747

 4.7091, 3.4860,
8.6470

216.4061,
207.2410, 284.9792

 2.1106, 1.3904,
4.4180

261.7972,

 0.6950, 0.2097,

252.1860, 341.8744

1.8574

313.1291,
303.2004, 405.8790

■ 0.0000, 0.0000,
0.4654

■ 0.0000, 0.0000,
0.0000

■ 48.3577, 43.5011,
69.4661

■ 48.3577, 43.5011,
69.4661

■ 42.8248, 35.3911,
68.1930

■ 54.6463, 52.9616,
70.9614

■ 38.0098, 28.5612,
67.1285

■ 61.7180, 63.8278,
72.6860

■ 33.8774, 22.9424,
66.2617

■ 69.6038, 76.1582,
74.6504

■ 30.3878, 18.4573,
65.5800

■ 78.3315, 90.0065,
76.8634

■ 27.4961, 15.0190,
65.0687

■ 82.2608, 94.0899,
77.4445

■ 25.1510, 12.5276,
64.7114

■ 84.9187, 95.4601,
77.5689

■ 23.2911, 10.8628,
64.4881

■ 87.6928, 96.8902,
77.6987

■ 22.1917, 10.0381,
64.3869

■ 89.1377, 97.6351,
77.7663

Harmonies

Analogous

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



43.7725, 43.5011, 78.7989



48.3577, 43.5011, 69.4661



51.1713, 43.5011, 54.9746

Triad

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



48.3577, 43.5011, 69.4661



43.9244, 43.5011, 25.7236



32.8337, 43.5011, 54.5138

Complementary

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



48.3577, 43.5011, 69.4661



50.3680, 60.8781, 44.6954

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.



32.8673, 43.5011, 40.4927



48.3577, 43.5011, 69.4661



39.0118, 43.5011, 25.6491

Square

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



48.3577, 43.5011, 69.4661



48.4765, 43.5011, 30.7620



35.0480, 43.5011, 30.5329



34.9523, 43.5011, 69.0715

Rectangle

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



48.3577, 43.5011, 69.4661



51.5330, 43.5011, 45.2476



35.0480, 43.5011, 30.5329



32.5994, 43.5011, 49.5480

Sweetspot

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



48.3591, 43.5029, 69.4671



87.2462, 87.9127, 106.9782



44.7518, 47.0472, 70.3413



18.5363, 18.6047, 22.8640



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.



48.3591, 43.5029, 69.4671



68.1799, 59.1757, 102.4363



52.6080, 45.7762, 65.9212



12.4902, 12.3941, 15.6715



13.5314, 6.1282, 38.9228



0.9058, 0.4158, 2.3518

Inverse Universe

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



49.7354, 44.6272, 50.7942



70.6440, 61.1664, 70.0022



46.8888, 59.0230, 47.3099



12.6100, 12.4955, 13.8863



17.6525, 8.9973, 5.4742



1.1040, 0.5584, 0.5369

Previews

White Background



This preview shows how the XYZ color 48.3577, 43.5011, 69.4661 looks on a white background.

Color Contrast Check

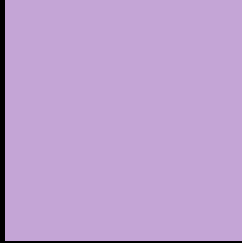
Large Text (above 18pt) WCAG AA × Fail

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 48.3577, 43.5011, 69.4661 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 48.3577, 43.5011, 69.4661

Background



This preview shows how black text looks on a background with the XYZ color 48.3577, 43.5011, 69.4661.



This preview shows how white text looks on a background with the XYZ color 48.3577, 43.5011,

69.4661.

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

48.3577, 43.5011, 69.4661

Protanopia

43.8982, 43.8797, 74.5626

Deuteranopia

44.6673, 43.5393, 69.0005



Tritanopia

44.5123, 43.2865, 51.3565

Trichromacy



Original Color

48.3577, 43.5011, 69.4661

Protanomaly

45.1223, 43.4179, 72.3320

Deuteranomaly

45.7266, 43.2473, 68.8883

Tritanomaly

45.8453, 43.2829, 57.5679

Monochromacy



Original Color

48.3577, 43.5011, 69.4661

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.0941, 44.9048, 56.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3577, 43.5011, 69.4661 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(196, 165, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 214)  
}
```

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(196, 165, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.3577, 43.5011, 69.4661 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(196, 165, 214) }
```


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

```
.border{ border-color:rgb(196, 165, 214) }
```

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

Here you see how a box with a 4 pixel rgb(196, 165, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3577, 43.5011, 69.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 214) }
```

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

```
.background{ background-color: rgb(196,  
165, 214) }
```

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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