

Converting Colors

XYZ(38.2853, 29.7949, 50.7425)

Have a look what the booklet for
XYZ(38.2853, 29.7949, 50.7425)
contains.

XYZ(38.1687, 29.7160, 50.7378)	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(38.1687, 29.7160,
50.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	C07EBB
RGB	192, 126, 187
RGB Percent	75%, 49%, 73%
CMY	0.2471, 0.5059, 0.2667
CMYK	0.00, 0.34, 0.03, 0.25
HSL	305°, 34%, 62%
HSV	305°, 34%, 75%
XYZ	38.1687, 29.7160, 50.7378
YIQ	152.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

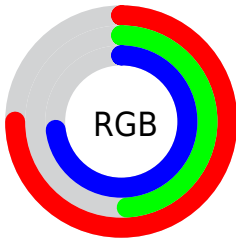
Format	Color
RYB	192, 126, 187
Decimal	12615355
CIELab	61.41, 35.23, -21.59
CIELCh	61, 41.321, 328.495
Yxy	29.7160, 0.3218, 0.2505
Android (android.graphics.Color)	4290805435 (0xFFC07EBB)
YUV	152.6880, 16.9158, 34.4766
Hunter-Lab	54.5124, 29.5862, -17.0259

Details

The XYZ color **38.1687, 29.7160, 50.7378** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.5517, 43.7745, 28.2607**, and the grayscale version is **30.0664, 31.6322, 34.4475**.

A 20% lighter version of the original color is **71.5658, 59.2533, 92.4591**, and **17.1357, 12.0717, 23.9812** is the 20% darker color. If you saturate the color by 10%, you get **35.7905, 25.2071, 49.1809**, and if you desaturate by 10%, it is **41.0215, 35.1705, 52.4613**.

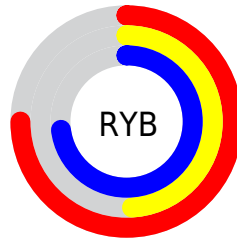
Distribution



Red (75%)

Green (49%)

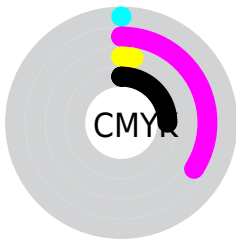
Blue (73%)



Red (75%)

Yellow (49%)

Blue (73%)

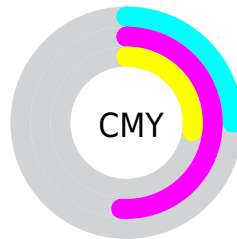


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1687, 29.7160, 50.7378 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 38.1687, 29.7160, 50.7378 by changing the saturation by 10% instead.


 38.1687, 29.7160,
50.7378


 38.1687, 29.7160,
50.7378

329.6115,
300.5784, 406.3616


 26.2915, 19.6231,
35.6247

 71.6689, 59.2128,
92.6746

 17.1756, 12.1214,
23.8571

 94.0225, 79.3854,
120.3354

 10.4559, 6.8264,
15.0164


 120.5990,
103.6868, 153.0158

 5.7668, 3.3538,
8.6842

151.7637,
132.5013, 191.1345

 2.7431, 1.3191,
4.4418

187.8819,
166.2134, 235.1098

 1.0194, 0.1559,
1.8707

229.3190,

 0.0000, 0.0000,

205.2073, 285.3604

0.4740

276.4404,
249.8675, 342.3049

■ 0.0000, 0.0000,
0.0000

■ 38.1687, 29.7160,
50.7378

■ 38.1687, 29.7160,
50.7378

■ 35.7905, 25.2071,
49.1809

■ 41.0215, 35.1705,
52.4613

■ 33.8571, 21.5858,
47.7797

■ 44.3709, 41.6163,
54.3579

■ 32.3396, 18.7937,
46.5248


■ 48.2412, 49.1012,
56.4359


■ 31.2045, 16.7640,
45.4052


■ 52.6539, 57.6685,
58.7026


■ 30.4133, 15.4195,
44.4078


■ 57.6295, 67.3591,
61.1648


 29.9192, 14.6668,
43.5172

 63.1875, 78.2118,
63.8291

 29.7197, 14.3991,
43.0455

 67.5976, 86.7663,
66.1186

 67.7654, 86.8334,
67.0019

 67.9347, 86.9011,
67.8937

Harmonies

Analogous

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



33.5520, 29.7160, 66.6056



38.1687, 29.7160, 50.7378



40.0861, 29.7160, 33.1512

Triad

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



38.1687, 29.7160, 50.7378



28.5206, 29.7160, 10.6524



19.9893, 29.7160, 48.9153

Complementary

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



38.1687, 29.7160, 50.7378



31.5517, 43.7745, 28.2607

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.



18.9994, 29.7160, 31.5730



38.1687, 29.7160, 50.7378



23.5279, 29.7160, 12.4788

Square

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



38.1687, 29.7160, 50.7378



34.0902, 29.7160, 12.9016



20.2089, 29.7160, 19.0551



23.1079, 29.7160, 65.3368

Rectangle

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



38.1687, 29.7160, 50.7378



39.4101, 29.7160, 23.7279



20.2089, 29.7160, 19.0551



19.4158, 29.7160, 42.8561

Sweetspot

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



38.1696, 29.7173, 50.7384



83.2337, 80.8850, 100.0378



26.2440, 23.5065, 53.0238



17.6477, 16.9491, 21.3485



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1696, 29.7173, 50.7384



65.9386, 47.7294, 89.8498



35.0830, 28.4827, 34.4844



10.4633, 10.2339, 12.5303



20.0107, 9.6941, 29.0323



0.8746, 0.4228, 1.3070

Inverse Universe

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



38.1696, 29.7173, 50.7384



65.9386, 47.7294, 89.8498



34.1017, 44.7945, 41.6886



10.4633, 10.2339, 12.5303



20.0107, 9.6941, 29.0323



0.8746, 0.4228, 1.3070

Previews

White Background



This preview shows how the XYZ color 38.1687, 29.7160, 50.7378 looks on a white background.

Color Contrast Check

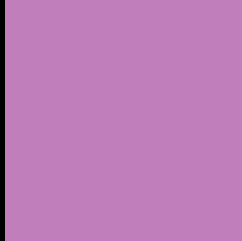
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1687, 29.7160, 50.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

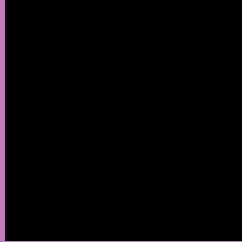
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.1687, 29.7160, 50.7378

Background



This preview shows how black text looks on a background with the XYZ color 38.1687, 29.7160, 50.7378.



This preview shows how white text looks on a background with the XYZ color 38.1687, 29.7160,

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

38.1687, 29.7160, 50.7378

Protanopia

30.7673, 30.1183, 60.0689

Deuteranopia

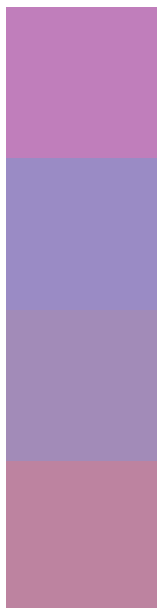
30.5032, 29.9964, 48.9819



Tritanopia

34.1294, 29.6593, 30.7141

Trichromacy



Original Color

38.1687, 29.7160, 50.7378

Protanomaly

32.6371, 29.3665, 56.7715

Deuteranomaly

32.7846, 29.6073, 49.3342

Tritanomaly

35.4477, 29.5895, 37.1007

Monochromacy



Original Color

38.1687, 29.7160, 50.7378

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.5503, 30.5770, 39.7837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1687, 29.7160, 50.7378 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(192, 126, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 187)  
}
```

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(192, 126, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.1687, 29.7160, 50.7378 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(192, 126, 187) }
```


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

```
.border{ border-color:rgb(192, 126, 187) }
```

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

Here you see how a box with a 4 pixel rgb(192, 126, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1687, 29.7160, 50.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 187) }
```

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

```
.background{ background-color: rgb(192,  
126, 187) }
```

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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