

Converting Colors

XYZ(38.4758, 28.4191, 47.0282)

Have a look what the booklet for
XYZ(38.4758, 28.4191, 47.0282)
contains.

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Color

**XYZ(38.6383, 28.5724,
47.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	C876B5
RGB	200, 118, 181
RGB Percent	78%, 46%, 71%
CMY	0.2157, 0.5372, 0.2902
CMYK	0.00, 0.41, 0.10, 0.22
HSL	314°, 43%, 62%
HSV	314°, 41%, 78%
XYZ	38.6383, 28.5724, 47.1946
YIQ	149.7000, 28.6490, 36.9770

Conversions

Conversions Part 2

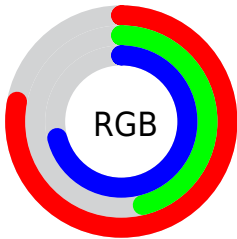
Format	Color
R _Y B	200, 118, 181
Decimal	13137589
CIE Lab	60.40, 41.07, -19.63
CIE LCh	60, 45.523, 334.455
Yxy	28.5724, 0.3377, 0.2497
Android (android.graphics.Color)	4291327669 (0xFFC876B5)
YUV	149.7000, 15.4309, 44.1131
Hunter-Lab	53.4532, 35.4846, -14.9308

Details

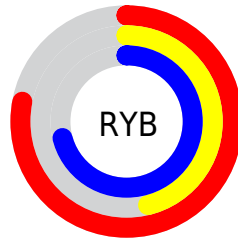
The XYZ color **38.6383, 28.5724, 47.1946** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.6421, 46.9671, 31.0139**, and the grayscale version is **28.7914, 30.2908, 32.9867**.

A 20% lighter version of the original color is **71.2786, 56.8795, 87.3428**, and **17.4050, 11.5021, 21.7249** is the 20% darker color. If you saturate the color by 10%, you get **36.0605, 24.1648, 44.0282**, and if you desaturate by 10%, it is **41.7330, 33.9875, 50.6119**.

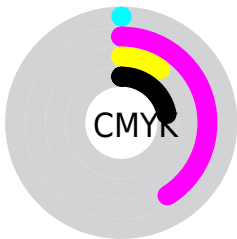
Distribution



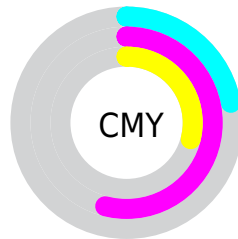
- Red (78%)
- Green (46%)
- Blue (71%)



- Red (78%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6383, 28.5724, 47.1946 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 38.6383, 28.5724, 47.1946 by changing the saturation by 10% instead.

 38.6383, 28.5724,
47.1946


 38.6383, 28.5724,
47.1946

331.5839,
295.1920, 392.0070


 26.6579, 18.7576,
32.8341

 72.3831, 57.3970,
87.3570

 17.4517, 11.4952,
21.7293


 94.8781, 77.1756,
113.9960

 10.6544, 6.4010,
13.4617


 121.6088,
101.0443, 145.5650

 5.9005, 3.0904,
7.6128

152.9405,
129.3873, 182.4823

 2.8248, 1.1791,
3.7640

189.2385,
162.5893, 225.1666

 1.0618, 0.0445,
1.4968

230.8682,

 0.0000, 0.0000,

201.0344, 274.0365

0.2155

278.1949,
245.1072, 329.5104

■ 0.0000, 0.0000,
0.0000

■ 38.6383, 28.5724,
47.1946

■ 38.6383, 28.5724,
47.1946

■ 36.0605, 24.1648,
44.0282

■ 41.7330, 33.9875,
50.6119

■ 33.9650, 20.6972,
41.0996

■ 45.3711, 40.4644,
54.2889

■ 32.3170, 18.0997,
38.3967

■ 49.5805, 48.0581,
58.2358

■ 31.0757, 16.2911,
35.9052

■ 54.3863, 56.8186,
62.4618

■ 30.1928, 15.1749,
33.6081

■ 59.8122, 66.7929,
66.9754

■ 29.6238, 14.6011,
31.6790

■ 65.8805, 78.0256,
71.7847

■ 71.6460, 88.6260,
76.5755

■ 72.2445, 88.8654,
79.7269

■ 72.8599, 89.1116,
82.9677

Harmonies

Analogous

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



34.0401, 28.5724, 66.0043



38.6383, 28.5724, 47.1946



40.0037, 28.5724, 28.6719

Triad

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



38.6383, 28.5724, 47.1946



26.2918, 28.5724, 8.7609



18.8891, 28.5724, 53.1584

Complementary

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



38.6383, 28.5724, 47.1946



32.6421, 46.9671, 31.0139

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.



17.4055, 28.5724, 33.6836



38.6383, 28.5724, 47.1946



21.2709, 28.5724, 11.3737

Square

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



38.6383, 28.5724, 47.1946



32.3089, 28.5724, 10.1403



18.2107, 28.5724, 19.1717



22.5845, 28.5724, 70.2278

Rectangle

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



38.6383, 28.5724, 47.1946



38.7530, 28.5724, 19.5774



18.2107, 28.5724, 19.1717



18.1414, 28.5724, 46.4640

Sweetspot

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



38.6392, 28.5737, 47.1952



84.9325, 81.5583, 99.9991



27.0206, 22.3432, 57.5326



17.9633, 17.0662, 21.2058



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.



38.6392, 28.5737, 47.1952



62.9631, 42.7321, 76.9146



35.1240, 27.1676, 28.6845



10.9739, 10.7729, 12.8459



18.8715, 9.2981, 20.3307



0.9199, 0.4508, 1.1016

Inverse Universe

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



38.6392, 28.5737, 47.1952



62.9631, 42.7321, 76.9146



36.0391, 48.3259, 48.9025



10.9739, 10.7729, 12.8459



18.8715, 9.2981, 20.3307



0.9199, 0.4508, 1.1016

Previews

White Background



This preview shows how the XYZ color 38.6383, 28.5724, 47.1946 looks on a white background.

Color Contrast Check

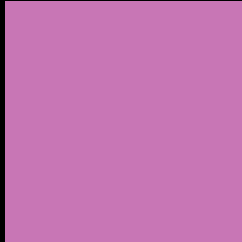
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6383, 28.5724, 47.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

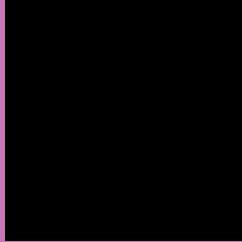
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.6383, 28.5724, 47.1946

Background



This preview shows how black text looks on a background with the XYZ color 38.6383, 28.5724, 47.1946.



This preview shows how white text looks on a background with the XYZ color 38.6383, 28.5724,

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

38.6383, 28.5724, 47.1946

Protanopia

29.6045, 28.8625, 58.6543

Deuteranopia

29.4353, 28.8390, 45.6100



Tritanopia

34.6104, 28.5870, 27.3606

Trichromacy



Original Color

38.6383, 28.5724, 47.1946

Protanomaly

31.8072, 28.1468, 54.2085

Deuteranomaly

32.0780, 28.2639, 45.8843

Tritanomaly

35.9834, 28.5855, 33.7580

Monochromacy



Original Color

38.6383, 28.5724, 47.1946

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.6700, 29.0750, 37.6611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6383, 28.5724, 47.1946 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(200, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 118, 181)  
}
```

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(200, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 118, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.6383, 28.5724, 47.1946 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(200, 118, 181) }
```


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

```
.border{ border-color:rgb(200, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 118,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6383, 28.5724, 47.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 118, 181) }
```

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

```
.background{ background-color: rgb(200,  
118, 181) }
```

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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