

Converting Colors

XYZ(38.0084, 26.8166, 54.1886)

Have a look what the booklet for
XYZ(38.0084, 26.8166, 54.1886)
contains.

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Color

**XYZ(38.0785, 26.7827,
54.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	C46EC2
RGB	196, 110, 194
RGB Percent	77%, 43%, 76%
CMY	0.2314, 0.5686, 0.2392
CMYK	0.00, 0.44, 0.01, 0.23
HSL	301°, 42%, 60%
HSV	301°, 44%, 77%
XYZ	38.0785, 26.7827, 54.2016
YIQ	145.2900, 24.2920, 44.3560

Conversions

Conversions Part 2

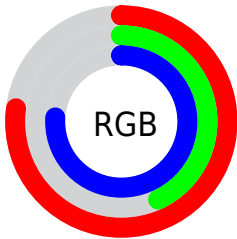
Format	Color
R _Y B	196, 110, 194
Decimal	12873410
CIE Lab	58.77, 46.30, -29.59
CIE LCh	59, 54.947, 327.419
Yxy	26.7827, 0.3198, 0.2249
Android (android.graphics.Color)	4291063490 (0xFFC46EC2)
YUV	145.2900, 24.0140, 44.4727
Hunter-Lab	51.7520, 40.7721, -25.8700

Details

The XYZ color **38.0785, 26.7827, 54.2016** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.0961, 43.9657, 22.2835**, and the grayscale version is **26.9309, 28.3334, 30.8550**.

A 20% lighter version of the original color is **71.5611, 54.5868, 98.0314**, and **17.0619, 10.4950, 25.9374** is the 20% darker color. If you saturate the color by 10%, you get **36.1422, 22.9913, 53.3042**, and if you desaturate by 10%, it is **40.4844, 31.5119, 55.2569**.

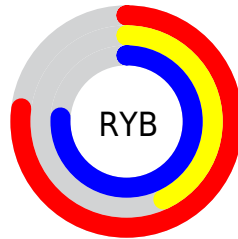
Distribution



Red (77%)

Green (43%)

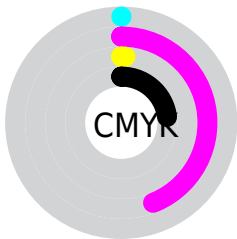
Blue (76%)



Red (77%)

Yellow (43%)

Blue (76%)

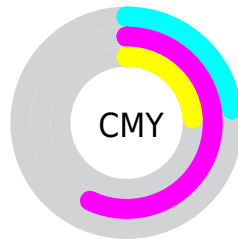


Cyan (0%)

Magenta (44%)

Yellow (1%)

Black (23%)



Cyan (23%)


Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0785, 26.7827, 54.2016 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 38.0785, 26.7827, 54.2016 by changing the saturation by 10% instead.


 38.0785, 26.7827,
54.2016


 38.0785, 26.7827,
54.2016

329.2316,
286.6035, 420.0746

 26.2211, 17.4101,
38.3686


 71.5316, 54.5350,
97.8296


 17.1227, 10.5273,
25.9648


 93.8580, 73.6834,
126.4616

 10.4178, 5.7500,
16.5718

 120.4047, 96.8593,
160.1971

 5.7412, 2.6936,
9.7710

 151.5372,
124.4469, 199.4545

 2.7275, 0.9740,
5.1437

187.6208,
156.8308, 244.6524

 1.0114, 0.0000,
2.2716

229.0208,

 0.0000, 0.0000,

194.3952, 296.2094

0.7153

276.1026,
237.5247, 354.5440

■ 0.0000, 0.0000,
0.0000

■ 38.0785, 26.7827,
54.2016

■ 38.0785, 26.7827,
54.2016

■ 36.1422, 22.9913,
53.3042

■ 40.4844, 31.5119,
55.2569

■ 34.6416, 20.0718,
52.5525

■ 43.3856, 37.2319,
56.4778

■ 33.5428, 17.9554,
51.9354

■ 46.8091, 43.9962,
57.8735

■ 32.8052, 16.5614,
51.4396

■ 50.7790, 51.8533,
59.4522

■ 32.3803, 15.7924,
51.0488

■ 55.3182, 60.8486,
61.2215

■ 32.2179, 15.5170,
50.8425

■ 60.4481, 71.0251,
63.1884

■ 66.1891, 82.4233,
65.3597

■ 68.6778, 87.3169,
66.4478

■ 68.7303, 87.3380,
66.7246

Harmonies

Analogous

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



31.9347, 26.7827, 76.3620



38.0785, 26.7827, 54.2016



40.8036, 26.7827, 30.8732

Triad

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



38.0785, 26.7827, 54.2016



26.0469, 26.7827, 5.5214



15.5598, 26.7827, 49.9232

Complementary

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



38.0785, 26.7827, 54.2016



29.0961, 43.9657, 22.2835

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.



14.5391, 26.7827, 27.5148



38.0785, 26.7827, 54.2016



19.9190, 26.7827, 7.0063

Square

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



38.0785, 26.7827, 54.2016



33.1305, 26.7827, 7.6754



15.9859, 26.7827, 13.3387



19.0691, 26.7827, 73.2165

Rectangle

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



38.0785, 26.7827, 54.2016



40.0091, 26.7827, 19.3631



15.9859, 26.7827, 13.3387



14.9447, 26.7827, 41.8090

Sweetspot

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



38.0794, 26.7839, 54.2022



85.2475, 80.5933, 105.0212



22.1512, 18.5465, 54.6376



17.9276, 16.6197, 22.3504



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.



38.0794, 26.7839, 54.2022



65.4863, 41.6760, 96.5687



33.9740, 25.1417, 32.5835



10.4869, 10.2434, 12.6543



20.7059, 9.9721, 32.6928



0.8979, 0.4322, 1.4297

Inverse Universe

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



38.0794, 26.7839, 54.2022



65.4863, 41.6760, 96.5687



32.0404, 45.1434, 37.7875



10.4869, 10.2434, 12.6543



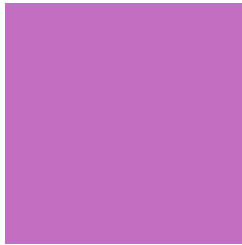
20.7059, 9.9721, 32.6928



0.8979, 0.4322, 1.4297

Previews

White Background



This preview shows how the XYZ color 38.0785, 26.7827, 54.2016 looks on a white background.

Color Contrast Check

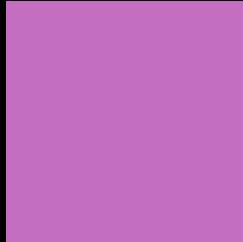
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0785, 26.7827, 54.2016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

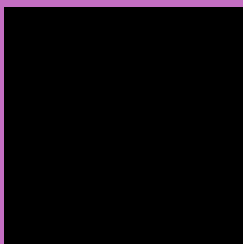
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.0785, 26.7827, 54.2016

Background



This preview shows how black text looks on a background with the XYZ color 38.0785, 26.7827, 54.2016.



This preview shows how white text looks on a background with the XYZ color 38.0785, 26.7827,

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

38.0785, 26.7827, 54.2016

Protanopia

28.8269, 27.1046, 70.0420

Deuteranopia

27.7693, 27.1761, 51.9260



Tritanopia

32.1803, 26.8001, 25.6672

Trichromacy



Original Color

38.0785, 26.7827, 54.2016

Protanomaly

30.7294, 25.9711, 63.7149

Deuteranomaly

30.5807, 26.3321, 52.7610

Tritanomaly

33.9991, 26.6366, 34.3598

Monochromacy



Original Color

38.0785, 26.7827, 54.2016

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.1720, 27.0394, 38.2792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0785, 26.7827, 54.2016 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, 110, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 194)  
}
```

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, 110, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.0785, 26.7827, 54.2016 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, 110, 194) }
```


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

```
.border{ border-color:rgb(196, 110, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0785, 26.7827, 54.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 194) }
```

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

```
.background{ background-color: rgb(196,  
110, 194) }
```

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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