

Converting Colors

XYZ(38.3449, 26.7477, 54.7716)

Have a look what the booklet for
XYZ(38.3449, 26.7477, 54.7716)
contains.

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Color

**XYZ(38.3449, 26.7477,
54.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	C56DC3
RGB	197, 109, 195
RGB Percent	77%, 43%, 76%
CMY	0.2274, 0.5725, 0.2353
CMYK	0.00, 0.45, 0.01, 0.23
HSL	301°, 43%, 60%
HSV	301°, 45%, 77%
XYZ	38.3449, 26.7477, 54.7716
YIQ	145.1160, 24.8420, 45.4020

Conversions

Conversions Part 2

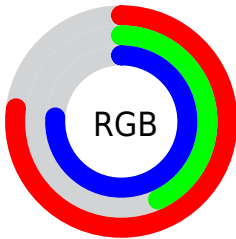
Format	Color
R_{YB}	197, 109, 195
Decimal	12938691
CIE _{Lab}	58.74, 47.30, -30.20
CIE _{LCh}	59, 56.116, 327.443
Yxy	26.7477, 0.3199, 0.2232
Android (android.graphics.Color)	4291128771 (0xFFC56DC3)
YUV	145.1160, 24.5928, 45.5023
Hunter-Lab	51.7182, 41.8367, -26.5877

Details

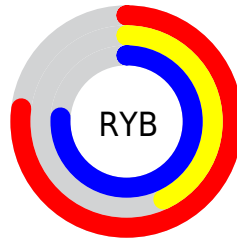
The XYZ color **38.3449, 26.7477, 54.7716** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.1433, 44.3324, 22.0614**, and the grayscale version is **26.8577, 28.2564, 30.7712**.

A 20% lighter version of the original color is **71.9079, 54.4827, 98.8217**, and **17.2554, 10.5121, 26.3189** is the 20% darker color. If you saturate the color by 10%, you get **36.4239, 22.9859, 53.8820**, and if you desaturate by 10%, it is **40.7388, 31.4538, 55.8201**.

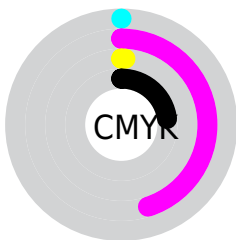
Distribution



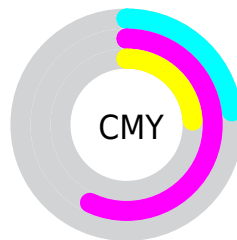
- Red (77%)
- Green (43%)
- Blue (76%)



- Red (77%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3449, 26.7477, 54.7716 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 38.3449, 26.7477, 54.7716 by changing the saturation by 10% instead.


 38.3449, 26.7477,
54.7716


 38.3449, 26.7477,
54.7716


330.3525,
286.4334, 422.3031


 26.4289, 17.3838,
38.8215


 71.9370, 54.4787,
98.6740


 17.2791, 10.5085,
26.3141


 94.3438, 73.6147,
127.4635

 10.5303, 5.7374,
16.8309


 120.9782, 96.7768,
161.3697

 5.8169, 2.6861,
9.9533

 152.2056,
124.3495, 200.8114

 2.7736, 0.9701,
5.2628

188.3914,
156.7171, 246.2071

 1.0352, 0.0000,
2.3409

229.9009,

 0.0000, 0.0000,

194.2640, 297.9752

0.7540

277.0995,
237.3747, 356.5344

■ 0.0000, 0.0000,
0.0000

■ 38.3449, 26.7477,
54.7716

■ 38.3449, 26.7477,
54.7716

■ 36.4239, 22.9859,
53.8820

■ 40.7388, 31.4538,
55.8201

■ 34.9412, 20.1012,
53.1391

■ 43.6318, 37.1583,
57.0354

■ 33.8619, 18.0232,
52.5313

■ 47.0513, 43.9157,
58.4269

■ 33.1447, 16.6690,
52.0450

■ 51.0221, 51.7754,
60.0030

■ 32.7394, 15.9382,
51.6634

■ 55.5673, 60.7835,
61.7713

■ 32.5987, 15.6995,
51.4854

■ 60.7086, 70.9839,
63.7391

■ 66.4668, 82.4177,
65.9132

■ 69.0468, 87.4947,
67.0287

■ 69.0987, 87.5155,
67.3023

Harmonies

Analogous

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



32.0503, 26.7477, 77.6207



38.3449, 26.7477, 54.7716



41.1384, 26.7477, 30.8542

Triad

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



38.3449, 26.7477, 54.7716



26.0202, 26.7477, 5.2517



15.3614, 26.7477, 50.4135

Complementary

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



38.3449, 26.7477, 54.7716



29.1433, 44.3324, 22.0614

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.



14.3265, 26.7477, 27.4592



38.3449, 26.7477, 54.7716



19.7785, 26.7477, 6.7260

Square

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



38.3449, 26.7477, 54.7716



33.2632, 26.7477, 7.3853



15.7889, 26.7477, 13.0722



18.9229, 26.7477, 74.4035

Rectangle

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



38.3449, 26.7477, 54.7716



40.3201, 26.7477, 19.1425



15.7889, 26.7477, 13.0722



14.7381, 26.7477, 42.0825

Sweetspot

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



38.3458, 26.7489, 54.7722



85.2503, 80.5945, 105.0360



22.0365, 18.3148, 55.1977



17.9283, 16.6200, 22.3541



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.



38.3458, 26.7489, 54.7722



65.1863, 41.0726, 96.4792



34.1250, 25.0606, 32.5456



11.0723, 10.8123, 13.3640



21.4459, 10.3279, 33.8873



1.0188, 0.4904, 1.6224

Inverse Universe

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



38.3458, 26.7489, 54.7722



65.1863, 41.0726, 96.4792



32.1457, 45.5333, 37.8718



11.0723, 10.8123, 13.3640



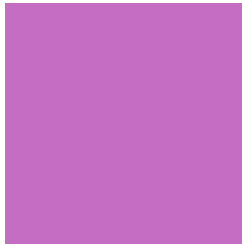
21.4459, 10.3279, 33.8873



1.0188, 0.4904, 1.6224

Previews

White Background



This preview shows how the XYZ color 38.3449, 26.7477, 54.7716 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 38.3449, 26.7477, 54.7716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

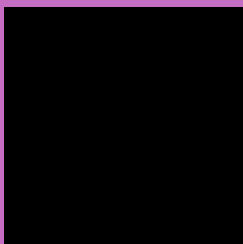
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3449, 26.7477, 54.7716

Background



This preview shows how black text looks on a background with the XYZ color 38.3449, 26.7477, 54.7716.

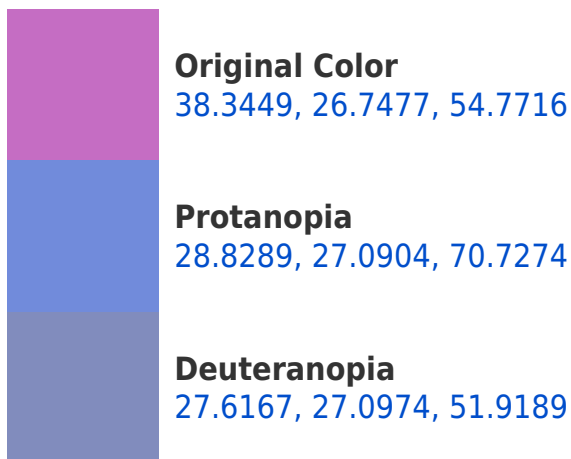


This preview shows how white text looks on a background with the XYZ color 38.3449, 26.7477,

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





Tritanopia

32.2341, 26.6507, 25.2750

Trichromacy



Original Color

38.3449, 26.7477, 54.7716



Protanomaly

30.8536, 26.0208, 64.3691



Deuteranomaly

30.5807, 26.3321, 52.7610



Tritanomaly

34.1331, 26.5299, 34.3321

Monochromacy



Original Color

38.3449, 26.7477, 54.7716



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 38.3449, 26.7477, 54.7716 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, 109, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 195)  
}
```

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, 109, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 195) }
```

Border

The CSS property to change the border of an element to XYZ 38.3449, 26.7477, 54.7716 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, 109, 195) }
```


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

```
.border{ border-color:rgb(197, 109, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3449, 26.7477, 54.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 195) }
```

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

```
.background{ background-color: rgb(197,  
109, 195) }
```

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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