

Converting Colors

XYZ(38.4196, 26.7103, 35.8007)

Have a look what the booklet for
XYZ(38.4196, 26.7103, 35.8007)
contains.

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Color

**XYZ(38.5634, 26.8083,
35.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	D46A9F
RGB	212, 106, 159
RGB Percent	83%, 42%, 62%
CMY	0.1686, 0.5843, 0.3765
CMYK	0.00, 0.50, 0.25, 0.17
HSL	330°, 55%, 62%
HSV	330°, 50%, 83%
XYZ	38.5634, 26.8083, 35.9429
YIQ	143.7360, 46.1630, 38.9550

Conversions

Conversions Part 2

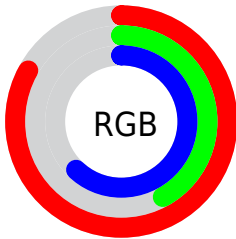
Format	Color
R _Y B	212, 106, 159
Decimal	13920927
CIE Lab	58.80, 47.76, -9.26
CIE LCh	59, 48.646, 349.022
Yxy	26.8083, 0.3806, 0.2646
Android (android.graphics.Color)	4292111007 (0xFFD46A9F)
YUV	143.7360, 7.5252, 59.8675
Hunter-Lab	51.7767, 42.3378, -4.9148

Details

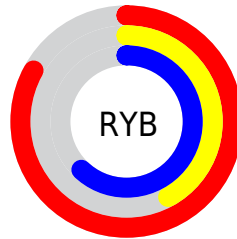
The XYZ color **38.5634, 26.8083, 35.9429** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.7466, 52.6551, 41.0828**, and the grayscale version is **26.3617, 27.7345, 30.2029**.

A 20% lighter version of the original color is **65.9484, 51.2567, 70.0360**, and **17.4974, 10.5975, 15.3107** is the 20% darker color. If you saturate the color by 10%, you get **35.7617, 22.6144, 30.6635**, and if you desaturate by 10%, it is **41.9855, 32.1163, 41.8189**.

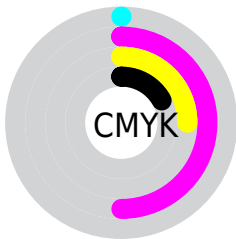
Distribution



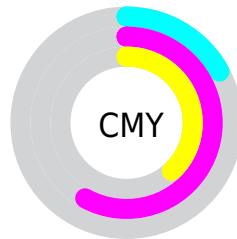
- Red (83%)
- Green (42%)
- Blue (62%)



- Red (83%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5634, 26.8083, 35.9429 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 38.5634, 26.8083, 35.9429 by changing the saturation by 10% instead.


 38.5634, 26.8083,
35.9429


 38.5634, 26.8083,
35.9429

331.2699,
286.7277, 343.7408

 26.5994, 17.4293,
24.1008


 72.2692, 54.5761,
70.1120


 17.4077, 10.5410,
15.1955


 94.7418, 73.7337,
93.2760

 10.6227, 5.7591,
8.8086


 121.4479, 96.9196,
121.0510

 5.8791, 2.6992,
4.5214

 152.7530,
124.5182, 153.8557

 2.8117, 0.9768,
1.9155

189.0224,
156.9139, 192.1084

 1.0550, 0.0000,
0.5026

230.6214,

 0.0000, 0.0000,

194.4912, 236.2278

0.0000

277.9155,
237.6343, 286.6324

■ 38.5634, 26.8083,
35.9429

■ 38.5634, 26.8083,
35.9429

■ 35.7617, 22.6144,
30.6635

■ 41.9855, 32.1163,
41.8189

■ 33.5357, 19.4488,
25.9552

■ 46.0640, 38.6080,
48.3121

■ 31.8377, 17.2195,
21.7925

■ 50.8347, 46.3519,
55.4437


■ 30.6108, 15.8160,
18.1456


■ 56.3301, 55.4102,
63.2334


■ 29.7530, 15.0378,
14.9696


■ 62.5806, 65.8407,
71.6997

 29.7527, 15.0376,
14.9688

 69.6147, 77.6981,
80.8604

 77.4595, 91.0337,
90.7326

 79.2110, 92.0369,
99.0226

 80.8658, 92.6988,
107.7371

Harmonies

Analogous

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



35.2178, 26.8083, 56.6516



38.5634, 26.8083, 35.9429



38.0140, 26.8083, 19.6929

Triad

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



38.5634, 26.8083, 35.9429



21.9031, 26.8083, 7.7739



18.6406, 26.8083, 61.9040

Complementary

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



38.5634, 26.8083, 35.9429



35.7466, 52.6551, 41.0828

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.



16.0578, 26.8083, 41.3338



38.5634, 26.8083, 35.9429



17.7271, 26.8083, 12.4445

Square

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



38.5634, 26.8083, 35.9429



27.7407, 26.8083, 7.2879



15.7520, 26.8083, 23.3402



23.3465, 26.8083, 75.1084

Rectangle

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



38.5634, 26.8083, 35.9429



35.5328, 26.8083, 12.9404



15.7520, 26.8083, 23.3402



17.5291, 26.8083, 55.3180

Sweetspot

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



38.5642, 26.8096, 35.9434



81.1105, 76.8057, 89.8110



31.3370, 22.4340, 64.9661



16.9867, 15.8238, 18.6895



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.



38.5642, 26.8096, 35.9434



54.0772, 33.9971, 46.0932



34.9079, 25.3471, 16.6899



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5073



1.1527, 0.5779, 0.7935

Inverse Universe

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



38.5642, 26.8096, 35.9434



54.0772, 33.9971, 46.0932



41.3718, 54.9051, 70.7048



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5073



1.1527, 0.5779, 0.7935

Previews

White Background



This preview shows how the XYZ color 38.5634, 26.8083, 35.9429 looks on a white background.

Color Contrast Check

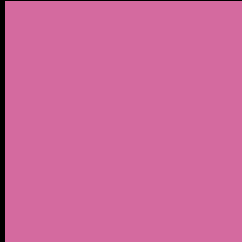
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5634, 26.8083, 35.9429 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 38.5634, 26.8083, 35.9429

Background



This preview shows how black text looks on a background with the XYZ color 38.5634, 26.8083, 35.9429.



This preview shows how white text looks on a background with the XYZ color 38.5634, 26.8083,

35.9429.

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

38.5634, 26.8083, 35.9429

Protanopia

27.1817, 26.9589, 48.0269

Deuteranopia

27.4989, 26.9941, 34.3329



Tritanopia

35.4304, 26.6253, 21.6842

Trichromacy



Original Color

38.5634, 26.8083, 35.9429

Protanomaly

29.8564, 25.9679, 43.4831

Deuteranomaly

30.6952, 26.2062, 34.8930

Tritanomaly

36.2436, 26.4564, 26.1180

Monochromacy



Original Color

38.5634, 26.8083, 35.9429

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.7696, 26.5702, 31.9933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5634, 26.8083, 35.9429 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(212, 106, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 159)  
}
```

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(212, 106, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.5634, 26.8083, 35.9429 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(212, 106, 159) }
```


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

```
.border{ border-color:rgb(212, 106, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5634, 26.8083, 35.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 159) }
```

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

```
.background{ background-color: rgb(212,  
106, 159) }
```

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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