

Converting Colors

XYZ(38.5504, 26.9938, 35.6414)

Have a look what the booklet for
XYZ(38.5504, 26.9938, 35.6414)
contains.

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Color

**XYZ(38.5806, 26.9811,
35.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	D46B9E
RGB	212, 107, 158
RGB Percent	83%, 42%, 62%
CMY	0.1686, 0.5804, 0.3804
CMYK	0.00, 0.50, 0.25, 0.17
HSL	331°, 55%, 63%
HSV	331°, 50%, 83%
XYZ	38.5806, 26.9811, 35.5222
YIQ	144.2090, 46.2090, 38.1210

Conversions

Conversions Part 2

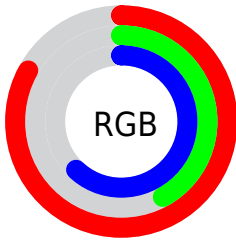
Format	Color
R _Y B	212, 107, 158
Decimal	13921182
CIE Lab	58.96, 47.12, -8.45
CIE LCh	59, 47.870, 349.838
Yxy	26.9811, 0.3817, 0.2669
Android (android.graphics.Color)	4292111262 (0xFFD46B9E)
YUV	144.2090, 6.7990, 59.4527
Hunter-Lab	51.9433, 41.6790, -4.1860

Details

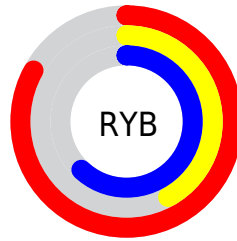
The XYZ color **38.5806, 26.9811, 35.5222** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.0412, 52.7866, 42.0102**, and the grayscale version is **26.5548, 27.9377, 30.4241**.

A 20% lighter version of the original color is **65.9951, 51.5538, 69.4234**, and **17.4906, 10.6684, 15.0473** is the 20% darker color. If you saturate the color by 10%, you get **35.7379, 22.7314, 30.1478**, and if you desaturate by 10%, it is **42.0500, 32.3503, 41.5169**.

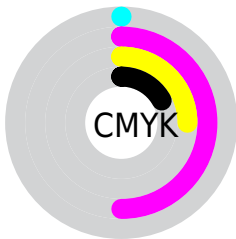
Distribution



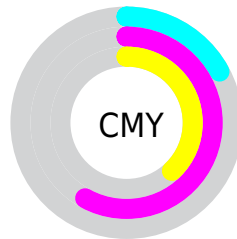
- Red (83%)
- Green (42%)
- Blue (62%)



- 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 38.5806, 26.9811, 35.5222 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 38.5806, 26.9811, 35.5222 by changing the saturation by 10% instead.


 38.5806, 26.9811,
35.5222


 38.5806, 26.9811,
35.5222


331.3420,
287.5656, 341.8414


 26.6129, 17.5590,
23.7786


 72.2954, 54.8535,
69.4547


 17.4178, 10.6339,
14.9588

 94.7731, 74.0727,
92.4807

 10.6299, 5.8212,
8.6442


 121.4849, 97.3263,
120.1046

 5.8840, 2.7367,
4.4162

 152.7961,
124.9989, 152.7449

 2.8147, 0.9959,
1.8563

189.0720,
157.4746, 190.8202

 1.0565, 0.0000,
0.4647

230.6781,

 0.0000, 0.0000,

195.1381, 234.7490

0.0000

277.9797,
238.3736, 284.9499

■ 38.5806, 26.9811,
35.5222

■ 38.5806, 26.9811,
35.5222

■ 35.7379, 22.7314,
30.1478

■ 42.0500, 32.3503,
41.5169

■ 33.4769, 19.5157,
25.3673

■ 46.1819, 38.9082,
48.1532

■ 31.7504, 17.2426,
21.1542


■ 51.0123, 46.7233,
55.4534


■ 30.5016, 15.8025,
17.4779


■ 56.5736, 55.8574,
63.4378


■ 29.6349, 15.0079,
14.2945


■ 62.8964, 66.3684,
72.1257

 29.5979, 14.9757,
14.1537

 70.0092, 78.3108,
81.5357

 77.8094, 91.4763,
91.6422

 79.4277, 92.1236,
100.1641

 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



35.3796, 26.9811, 55.8630



38.5806, 26.9811, 35.5222



37.9309, 26.9811, 19.6335

Triad

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



38.5806, 26.9811, 35.5222



21.9677, 26.9811, 8.1266



18.9732, 26.9811, 62.0548

Complementary

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



38.5806, 26.9811, 35.5222



36.0412, 52.7866, 42.0102

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.



16.3473, 26.9811, 41.9073



38.5806, 26.9811, 35.5222



17.8826, 26.9811, 12.9524

Square

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



38.5806, 26.9811, 35.5222



27.7089, 26.9811, 7.5364



15.9815, 26.9811, 23.9863



23.6857, 26.9811, 74.6507

Rectangle

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



38.5806, 26.9811, 35.5222



35.4310, 26.9811, 13.0346



15.9815, 26.9811, 23.9863



17.8500, 26.9811, 55.6461

Sweetspot

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



38.5814, 26.9824, 35.5227



81.0312, 76.7740, 89.3937



31.5401, 22.6927, 65.0052



16.9677, 15.8161, 18.5891



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.



38.5814, 26.9824, 35.5227



54.2438, 34.4709, 45.7153



35.0639, 25.5755, 17.0001



12.6720, 12.5203, 14.2132



18.3225, 9.2653, 9.0022



1.1469, 0.5755, 0.7628

Inverse Universe

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



38.5814, 26.9824, 35.5227



54.2438, 34.4709, 45.7153



41.4914, 54.9667, 70.7103



12.6720, 12.5203, 14.2132



18.3225, 9.2653, 9.0022



1.1469, 0.5755, 0.7628

Previews

White Background



This preview shows how the XYZ color 38.5806, 26.9811, 35.5222 looks on a white background.

Color Contrast Check

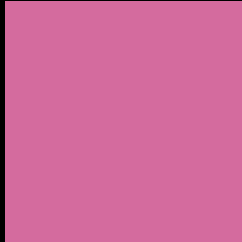
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5806, 26.9811, 35.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

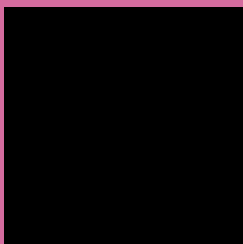
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.5806, 26.9811, 35.5222

Background



This preview shows how black text looks on a background with the XYZ color 38.5806, 26.9811, 35.5222.



This preview shows how white text looks on a background with the XYZ color 38.5806, 26.9811,

35.5222.

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

38.5806, 26.9811, 35.5222

Protanopia

27.2788, 27.2506, 47.0022

Deuteranopia

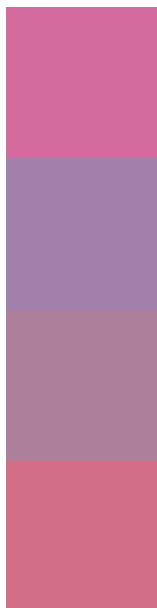
27.6007, 27.0562, 33.9046



Tritanopia

35.8247, 26.9951, 21.7348

Trichromacy



Original Color

38.5806, 26.9811, 35.5222

Protanomaly

29.9946, 26.2561, 42.5168

Deuteranomaly

30.7393, 26.4295, 34.4916

Tritanomaly

36.6360, 26.8198, 26.1675

Monochromacy



Original Color

38.5806, 26.9811, 35.5222

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.9033, 26.8375, 32.0379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5806, 26.9811, 35.5222 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, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(212, 107, 158)  
}
```

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, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 107, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.5806, 26.9811, 35.5222 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, 107, 158) }
```


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

```
.border{ border-color:rgb(212, 107, 158) }
```

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

Here you see how a box with a 4 pixel rgb(212, 107, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 107, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 107, 158);  
box-shadow:4px 4px 4px 4px rgb(212, 107,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5806, 26.9811, 35.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 107, 158) }
```

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

```
.background{ background-color: rgb(212,  
107, 158) }
```

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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