

Converting Colors

XYZ(38.2524, 27.9877, 34.9439)

Have a look what the booklet for
XYZ(38.2524, 27.9877, 34.9439)
contains.

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Color

**XYZ(38.3126, 27.9902,
34.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	D1729C
RGB	209, 114, 156
RGB Percent	82%, 45%, 61%
CMY	0.1804, 0.5529, 0.3882
CMYK	0.00, 0.45, 0.25, 0.18
HSL	333°, 51%, 63%
HSV	333°, 45%, 82%
XYZ	38.3126, 27.9902, 34.8359
YIQ	147.1930, 43.1380, 33.2020

Conversions

Conversions Part 2

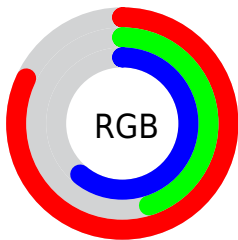
Format	Color
R _Y B	209, 114, 156
Decimal	13726364
CIE Lab	59.88, 42.28, -5.96
CIE LCh	60, 42.700, 351.974
Yxy	27.9902, 0.3788, 0.2768
Android (android.graphics.Color)	4291916444 (0xFFD1729C)
YUV	147.1930, 4.3419, 54.2047
Hunter-Lab	52.9058, 36.6787, -2.0056

Details

The XYZ color **38.3126, 27.9902, 34.8359** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.7163, 51.9692, 44.6576**, and the grayscale version is **27.7838, 29.2308, 31.8323**.

A 20% lighter version of the original color is **66.8755, 53.9184, 67.8553**, and **17.2213, 11.1406, 14.6073** is the 20% darker color. If you saturate the color by 10%, you get **35.2784, 23.4266, 29.1845**, and if you desaturate by 10%, it is **41.9818, 33.6715, 41.1672**.

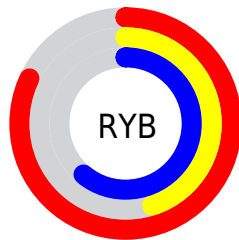
Distribution



Red (82%)

Green (45%)

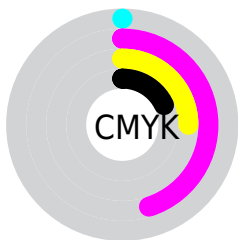
Blue (61%)



Red (82%)

Yellow (45%)

Blue (61%)

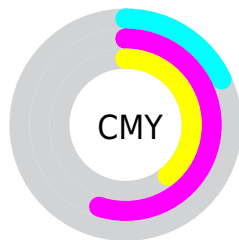


Cyan (0%)

Magenta (45%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (55%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3126, 27.9902, 34.8359 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 38.3126, 27.9902, 34.8359 by changing the saturation by 10% instead.


 38.3126, 27.9902,
34.8359


 38.3126, 27.9902,
34.8359


330.2168,
292.4201, 338.7256


 26.4037, 18.3183,
23.2540


 71.8878, 56.4688,
68.3802

 17.2602, 11.1787,
14.5741


 94.2849, 76.0443,
91.1795

 10.5166, 6.1872,
8.3777


 120.9087, 99.6897,
118.5552

 5.8077, 2.9592,
4.2464

152.1247,
127.7895, 150.9256

 2.7680, 1.1105,
1.7614

188.2981,
160.7280, 188.7093

 1.0323, 0.0000,
0.4023

229.7943,

 0.0000, 0.0000,

198.8897, 232.3248

0.0000

276.9788,
242.6589, 282.1908

■ 38.3126, 27.9902,
34.8359

■ 38.3126, 27.9902,
34.8359

■ 35.2784, 23.4266,
29.1845

■ 41.9818, 33.6715,
41.1672

■ 32.8369, 19.9013,
24.1851

■ 46.3198, 40.5348,
48.2014

■ 30.9442, 17.3308,
19.8096


■ 51.3607, 48.6443,
55.9624


■ 29.5489, 15.6164,
16.0263


■ 57.1357, 58.0583,
64.4722


■ 28.5882, 14.6379,
12.7993


■ 63.6738, 68.8314,
73.7517

 28.2437, 14.3350,
11.4943

 71.0026, 81.0153,
83.8210

 77.4322, 91.2264,
94.1275

 79.1981, 91.9328,
103.4267

 80.1047, 92.2954,
108.2006

Harmonies

Analogous

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



35.6847, 27.9902, 52.8029



38.3126, 27.9902, 34.8359



37.4835, 27.9902, 20.6188

Triad

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



38.3126, 27.9902, 34.8359



22.8924, 27.9902, 10.3343



20.6875, 27.9902, 60.5445

Complementary

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



38.3126, 27.9902, 34.8359



36.7163, 51.9692, 44.6576

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.



18.0638, 27.9902, 43.0617



38.3126, 27.9902, 34.8359



19.2112, 27.9902, 15.5422

Square

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



38.3126, 27.9902, 34.8359



28.0854, 27.9902, 9.4489



17.5626, 27.9902, 26.4970



25.1754, 27.9902, 70.6035

Rectangle

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



38.3126, 27.9902, 34.8359



35.1265, 27.9902, 14.5586



17.5626, 27.9902, 26.4970



19.5849, 27.9902, 55.1071

Sweetspot

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



38.3134, 27.9916, 34.8364



81.6571, 78.0826, 89.4272



33.3055, 24.7736, 63.3484



17.0811, 16.0697, 18.5442



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.



38.3134, 27.9916, 34.8364



55.2533, 36.6290, 45.6233



35.8999, 27.9059, 19.4154



12.0228, 11.8938, 13.3956



17.4620, 8.8576, 7.3392



1.0160, 0.5111, 0.6190

Inverse Universe

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



38.3134, 27.9916, 34.8364



55.2533, 36.6290, 45.6233



40.1014, 51.4863, 68.1463



12.0228, 11.8938, 13.3956



17.4620, 8.8576, 7.3392



1.0160, 0.5111, 0.6190

Previews

White Background



This preview shows how the XYZ color 38.3126, 27.9902, 34.8359 looks on a white background.

Color Contrast Check

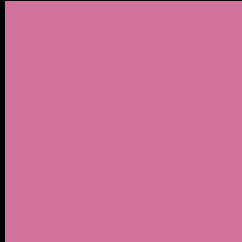
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3126, 27.9902, 34.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

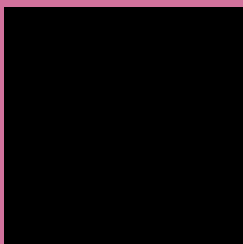
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3126, 27.9902, 34.8359

Background



This preview shows how black text looks on a background with the XYZ color 38.3126, 27.9902, 34.8359.



This preview shows how white text looks on a background with the XYZ color 38.3126, 27.9902,

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

38.3126, 27.9902, 34.8359

Protanopia

28.0416, 28.1433, 44.5117

Deuteranopia

28.7559, 28.0911, 33.6123



Tritanopia

35.9467, 27.8740, 23.9077

Trichromacy



Original Color

38.3126, 27.9902, 34.8359



Protanomaly

30.6290, 27.2222, 40.6859



Deuteranomaly

31.5453, 27.6465, 33.8107



Tritanomaly

36.6809, 27.8230, 27.4818

Monochromacy



Original Color

38.3126, 27.9902, 34.8359



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

30.7466, 28.0760, 32.6529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3126, 27.9902, 34.8359 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(209, 114, 156)` looks like.

```
.text, #text, p{  
    color:rgb(209, 114, 156)  
}
```

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(209, 114, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 114, 156) }
```

Border

The CSS property to change the border of an element to XYZ 38.3126, 27.9902, 34.8359 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(209, 114, 156) }
```


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

```
.border{ border-color:rgb(209, 114, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 114, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 114, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 114, 156);  
box-shadow:4px 4px 4px 4px rgb(209, 114,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3126, 27.9902, 34.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 114, 156) }
```

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

```
.background{ background-color: rgb(209,  
114, 156) }
```

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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