

Converting Colors

XYZ(39.0938, 27.8691, 36.1197)

Have a look what the booklet for
XYZ(39.0938, 27.8691, 36.1197)
contains.

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Color

**XYZ(39.0938, 27.8691,
36.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	D46F9F
RGB	212, 111, 159
RGB Percent	83%, 44%, 62%
CMY	0.1686, 0.5647, 0.3765
CMYK	0.00, 0.48, 0.25, 0.17
HSL	331°, 54%, 63%
HSV	331°, 48%, 83%
XYZ	39.0938, 27.8691, 36.1197
YIQ	146.6710, 44.7880, 36.3400

Conversions

Conversions Part 2

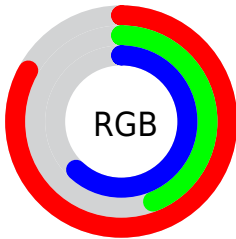
Format	Color
R_{YB}	212, 111, 159
Decimal	13922207
CIE _{Lab}	59.77, 45.25, -7.81
CIE _{LCh}	60, 45.916, 350.206
Yxy	27.8691, 0.3792, 0.2704
Android (android.graphics.Color)	4292112287 (0xFFD46F9F)
YUV	146.6710, 6.0782, 57.2935
Hunter-Lab	52.7912, 39.8012, -3.6123

Details

The XYZ color **39.0938, 27.8691, 36.1197** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.8012, 53.1475, 43.4434**, and the grayscale version is **27.5610, 28.9963, 31.5770**.

A 20% lighter version of the original color is **66.8327, 53.0253, 70.3308**, and **17.7883, 11.1792, 15.4076** is the 20% darker color. If you saturate the color by 10%, you get **36.1267, 23.4109, 30.5800**, and if you desaturate by 10%, it is **42.6983, 33.4625, 42.3012**.

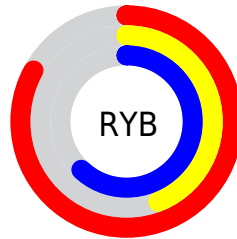
Distribution



Red (83%)

Green (44%)

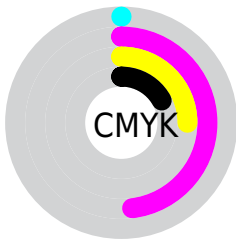
Blue (62%)



Red (83%)

Yellow (44%)

Blue (62%)

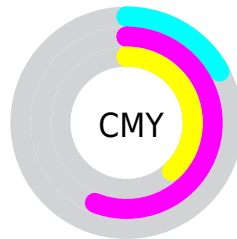


Cyan (0%)

Magenta (48%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0938, 27.8691, 36.1197 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 39.0938, 27.8691, 36.1197 by changing the saturation by 10% instead.


 39.0938, 27.8691,
36.1197


 39.0938, 27.8691,
36.1197


333.4894,
291.8409, 344.5366


 27.0138, 18.2270,
24.2362


 73.0747, 56.2754,
70.3879


 17.7202, 11.1131,
15.2951


 95.7064, 75.8084,
93.6097

 10.8478, 6.1430,
8.8779


 122.5859, 99.4071,
121.4481

 6.0311, 2.9322,
4.5659

 154.0786,
127.4560, 154.3215

 2.9048, 1.0964,
1.9406

190.5500,
160.3394, 192.6485

 1.1036, 0.0000,
0.5184

232.3654,

 0.0282, 0.0000,

198.4418, 236.8477

0.0000

279.8901,
242.1475, 287.3375

■ 0.0000, 0.0000,
0.0000

■ 39.0938, 27.8691,
36.1197

■ 39.0938, 27.8691,
36.1197

■ 36.1267, 23.4109,
30.5800

■ 42.6983, 33.4625,
42.3012

■ 33.7529, 20.0040,
25.6552

■ 46.9755, 40.2592,
49.1463

■ 31.9260, 17.5594,
21.3186


■ 51.9611, 48.3263,
56.6775


■ 30.5912, 15.9713,
17.5395


■ 57.6871, 57.7252,
64.9156


■ 29.6728, 15.0926,
14.2799


■ 64.1837, 68.5130,
73.8806

 29.4881, 14.9317,
13.5751

 71.4795, 80.7436,
83.5912

 78.1797, 91.6244,
93.5919

 79.8552, 92.2946,
102.4152

 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



36.0335, 27.8691, 55.7759



39.0938, 27.8691, 36.1197



38.4176, 27.8691, 20.5808

Triad

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



39.0938, 27.8691, 36.1197



22.8143, 27.8691, 9.1328



19.9623, 27.8691, 62.1657

Complementary

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



39.0938, 27.8691, 36.1197



36.8012, 53.1475, 43.4434

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.



17.3266, 27.8691, 42.7917



39.0938, 27.8691, 36.1197



18.7985, 27.8691, 14.1273

Square

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



39.0938, 27.8691, 36.1197



28.4351, 27.8691, 8.4745



16.9342, 27.8691, 25.2206



24.6333, 27.8691, 74.0560

Rectangle

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



39.0938, 27.8691, 36.1197



35.9703, 27.8691, 14.0219



16.9342, 27.8691, 25.2206



18.8395, 27.8691, 56.0401

Sweetspot

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



39.0946, 27.8705, 36.1202



81.8288, 78.1513, 90.3311



32.7112, 23.9298, 65.1824



17.1228, 16.0864, 18.7638



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.



39.0946, 27.8705, 36.1202



54.8870, 35.5800, 46.4762



35.8915, 26.8859, 18.3384



12.6665, 12.5181, 14.1841



18.2543, 9.2381, 8.6434



1.1427, 0.5739, 0.7408

Inverse Universe

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



39.0946, 27.8705, 36.1202



54.8870, 35.5800, 46.4762



41.5649, 54.3833, 70.5939



12.6665, 12.5181, 14.1841



18.2543, 9.2381, 8.6434



1.1427, 0.5739, 0.7408

Previews

White Background



This preview shows how the XYZ color 39.0938, 27.8691, 36.1197 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 39.0938, 27.8691, 36.1197 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 39.0938, 27.8691, 36.1197

Background



This preview shows how black text looks on a background with the XYZ color 39.0938, 27.8691, 36.1197.



This preview shows how white text looks on a background with the XYZ color 39.0938, 27.8691,

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

39.0938, 27.8691, 36.1197

Protanopia

28.2140, 28.1744, 47.1312

Deuteranopia

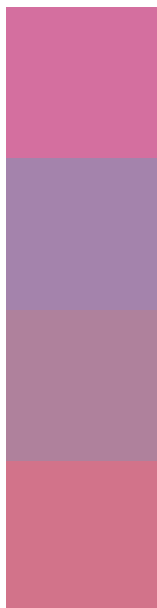
28.5372, 27.9593, 34.4645



Tritanopia

36.4217, 27.7842, 23.1819

Trichromacy



Original Color

39.0938, 27.8691, 36.1197

Protanomaly

30.8725, 27.1037, 42.6341

Deuteranomaly

31.5302, 27.2148, 35.0436

Tritanomaly

37.2965, 27.7981, 27.4446

Monochromacy



Original Color

39.0938, 27.8691, 36.1197

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.9056, 27.9425, 33.0427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0938, 27.8691, 36.1197 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, 111, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 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, 111, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.0938, 27.8691, 36.1197 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, 111, 159) }
```


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

```
.border{ border-color:rgb(212, 111, 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, 111, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0938, 27.8691, 36.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 159) }
```

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

```
.background{ background-color: rgb(212,  
111, 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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