

Converting Colors

XYZ(38.9596, 26.5883, 27.7726)

Have a look what the booklet for
XYZ(38.9596, 26.5883, 27.7726)
contains.

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Color

**XYZ(39.0002, 26.6118,
27.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	DC668C
RGB	220, 102, 140
RGB Percent	86%, 40%, 55%
CMY	0.1373, 0.6000, 0.4510
CMYK	0.00, 0.54, 0.36, 0.14
HSL	341°, 63%, 63%
HSV	341°, 54%, 86%
XYZ	39.0002, 26.6118, 27.8920
YIQ	141.6140, 58.1300, 36.8340

Conversions

Conversions Part 2

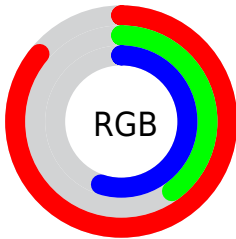
Format	Color
R _Y B	220, 102, 140
Decimal	14444172
CIE Lab	58.61, 49.94, 1.62
CIE LCh	59, 49.964, 1.863
Yxy	26.6118, 0.4171, 0.2846
Android (android.graphics.Color)	4292634252 (0xFFDC668C)
YUV	141.6140, -0.7957, 68.7445
Hunter-Lab	51.5866, 44.6719, 4.0536

Details

The XYZ color **39.0002, 26.6118, 27.8920** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.5176, 57.3893, 53.2537**, and the grayscale version is **25.5466, 26.8770, 29.2691**.

A 20% lighter version of the original color is **62.9226, 49.2242, 56.6369**, and **17.6004, 10.4292, 10.7582** is the 20% darker color. If you saturate the color by 10%, you get **36.0915, 22.4368, 21.8589**, and if you desaturate by 10%, it is **42.6331, 31.9964, 34.9026**.

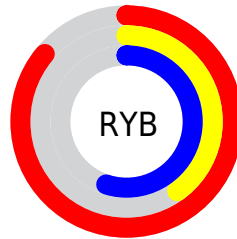
Distribution



Red (86%)

Green (40%)

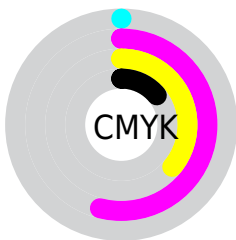
Blue (55%)



Red (86%)

Yellow (40%)

Blue (55%)

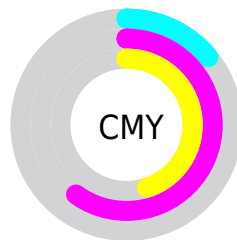


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (14%)



Cyan (14%)

Magenta (60%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0002, 26.6118, 27.8920 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 39.0002, 26.6118, 27.8920 by changing the saturation by 10% instead.


 39.0002, 26.6118,
27.8920


 39.0002, 26.6118,
27.8920


333.0985,
285.7726, 305.8462


 26.9406, 17.2819,
18.0059


 72.9327, 54.2603,
57.3330

 17.6650, 10.4357,
10.7848


 95.5363, 73.3477,
77.7250

 10.8080, 5.6888,
5.8099


 122.3853, 96.4563,
102.4561

 6.0042, 2.6568,
2.6629

 153.8450,
123.9707, 131.9447

 2.8883, 0.9553,
0.9247

190.2809,
156.2751, 166.6095

 1.0950, 0.0000,
0.0000

232.0581,

 0.0209, 0.0000,

193.7539, 206.8690

0.0000

279.5422,
236.7916, 253.1417

■ 0.0000, 0.0000,
0.0000

■ 39.0002, 26.6118,
27.8920

■ 39.0002, 26.6118,
27.8920

■ 36.0915, 22.4368,
21.8589

■ 42.6331, 31.9964,
34.9026

■ 33.8523, 19.3719,
16.7550

■ 47.0350, 38.6714,
42.9326

■ 32.2234, 17.3086,
12.5294

■ 52.2495, 46.7155,
52.0231

■ 31.1328, 16.1141,
9.1243

■ 58.3163, 56.1999,
62.2123

■ 30.6475, 15.6685,
7.3434

■ 65.2723, 67.1907,
73.5366

■ 73.1523, 79.7500,
86.0305

■ 81.6671, 93.2924,
99.6196

■ 83.3252, 93.9557,
108.3513

Harmonies

Analogous

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



37.1783, 26.6118, 47.9912



39.0002, 26.6118, 27.8920



36.6851, 26.6118, 14.5577

Triad

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



39.0002, 26.6118, 27.8920



19.5671, 26.6118, 8.7202



20.1318, 26.6118, 70.1079

Complementary

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



39.0002, 26.6118, 27.8920



39.5176, 57.3893, 53.2537

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.



16.5445, 26.6118, 50.7018



39.0002, 26.6118, 27.8920



16.2574, 26.6118, 15.7925

Square

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



39.0002, 26.6118, 27.8920



24.9124, 26.6118, 6.6359



15.2462, 26.6118, 30.0872



25.6789, 26.6118, 77.5130

Rectangle

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



39.0002, 26.6118, 27.8920



33.2944, 26.6118, 9.7070



15.2462, 26.6118, 30.0872



18.6899, 26.6118, 64.4683

Sweetspot

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



39.0009, 26.6132, 27.8925



79.2490, 75.0192, 83.2209



36.6488, 24.4551, 70.4989



16.5781, 15.4552, 17.1701



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.



39.0009, 26.6132, 27.8925



50.1107, 30.9040, 29.8502



38.8332, 30.0138, 16.3186



13.2280, 13.1203, 14.4618



18.0320, 9.2138, 4.5483



1.2069, 0.6124, 0.4983

Inverse Universe

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



39.0009, 26.6132, 27.8925



50.1107, 30.9040, 29.8502



39.1304, 49.4562, 75.1938



13.2280, 13.1203, 14.4618



18.0320, 9.2138, 4.5483



1.2069, 0.6124, 0.4983

Previews

White Background



This preview shows how the XYZ color 39.0002, 26.6118, 27.8920 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 39.0002, 26.6118, 27.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

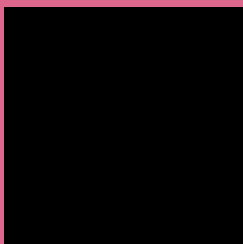
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0002, 26.6118, 27.8920

Background



This preview shows how black text looks on a background with the XYZ color 39.0002, 26.6118, 27.8920.



This preview shows how white text looks on a background with the XYZ color 39.0002, 26.6118,

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

39.0002, 26.6118, 27.8920

Protanopia

26.3055, 26.7189, 38.4211

Deuteranopia

27.3493, 26.8817, 26.3015



Tritanopia

37.2084, 26.6357, 19.0997

Trichromacy



Original Color

39.0002, 26.6118, 27.8920

Protanomaly

29.3136, 25.5038, 34.3881

Deuteranomaly

30.7076, 26.0166, 26.6958

Tritanomaly

37.8401, 26.5933, 21.8775

Monochromacy



Original Color

39.0002, 26.6118, 27.8920

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.9747, 25.6479, 28.6227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0002, 26.6118, 27.8920 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(220, 102, 140)` looks like.

```
.text, #text, p{  
    color:rgb(220, 102, 140)  
}
```

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(220, 102, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 102, 140) }
```

Border

The CSS property to change the border of an element to XYZ 39.0002, 26.6118, 27.8920 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(220, 102, 140) }
```


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

```
.border{ border-color:rgb(220, 102, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 102, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 102, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 102, 140);  
box-shadow:4px 4px 4px 4px rgb(220, 102,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0002, 26.6118, 27.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 102, 140) }
```

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

```
.background{ background-color: rgb(220,  
102, 140) }
```

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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