

Converting Colors

XYZ(39.3518, 26.8749, 34.6567)

Have a look what the booklet for
XYZ(39.3518, 26.8749, 34.6567)
contains.

XYZ(39.2700, 26.8999, 34.5749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.2700, 26.8999,
34.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	D8689C
RGB	216, 104, 156
RGB Percent	85%, 41%, 61%
CMY	0.1529, 0.5921, 0.3882
CMYK	0.00, 0.52, 0.28, 0.15
HSL	332°, 59%, 63%
HSV	332°, 52%, 85%
XYZ	39.2700, 26.8999, 34.5749
YIQ	143.4160, 50.0600, 39.9160

Conversions

Conversions Part 2

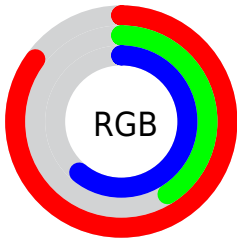
Format	Color
R _Y B	216, 104, 156
Decimal	14182556
CIE Lab	58.88, 49.64, -7.34
CIE LCh	59, 50.176, 351.587
Yxy	26.8999, 0.3898, 0.2670
Android (android.graphics.Color)	4292372636 (0xFFD8689C)
YUV	143.4160, 6.2039, 63.6562
Hunter-Lab	51.8651, 44.3885, -3.2190

Details

The XYZ color **39.2700, 26.8999, 34.5749** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.9670, 54.7359, 43.7416**, and the grayscale version is **26.2376, 27.6040, 30.0607**.

A 20% lighter version of the original color is **65.0997, 50.3669, 67.2634**, and **17.7910, 10.5702, 14.4672** is the 20% darker color. If you saturate the color by 10%, you get **36.4339, 22.7218, 29.0231**, and if you desaturate by 10%, it is **42.7578, 32.2315, 40.8051**.

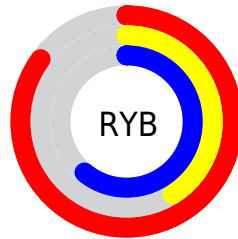
Distribution



Red (85%)

Green (41%)

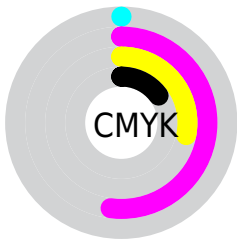
Blue (61%)



Red (85%)

Yellow (41%)

Blue (61%)

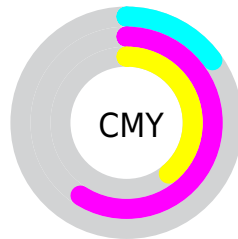


Cyan (0%)

Magenta (52%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (59%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2700, 26.8999, 34.5749 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 39.2700, 26.8999, 34.5749 by changing the saturation by 10% instead.


 39.2700, 26.8999,
34.5749


 39.2700, 26.8999,
34.5749

334.2245,
287.1721, 337.5350


 27.1515, 17.4981,
23.0547


 73.3420, 54.7232,
67.9708


 17.8242, 10.5902,
14.4282


 96.0263, 73.9134,
90.6835

 10.9228, 5.7920,
8.2769


 122.9632, 97.1353,
117.9642

 6.0818, 2.7190,
4.1824

 154.5180,
124.7731, 150.2313

 2.9360, 0.9869,
1.7259

191.0563,
157.2113, 187.9034

 1.1200, 0.0000,
0.3784

232.9432,

 0.0418, 0.0000,

194.8343, 231.3990

0.0000

280.5441,
238.0264, 281.1367

■ 0.0000, 0.0000,
0.0000

■ 39.2700, 26.8999,
34.5749

■ 39.2700, 26.8999,
34.5749

■ 36.4339, 22.7218,
29.0231

■ 42.7578, 32.2315,
40.8051

■ 34.2012, 19.6053,
24.1200

■ 46.9362, 38.7913,
47.7382

■ 32.5200, 17.4511,
19.8352

■ 51.8438, 46.6521,
55.3992

■ 31.3278, 16.1385,
16.1338

■ 57.5156, 55.8803,
63.8111

■ 30.6328, 15.5245,
13.5098

■ 63.9840, 66.5372,
72.9958

■ 71.2797, 78.6808,
82.9742

■ 79.3658, 92.2337,
93.7443

■ 81.1120, 92.9322,
102.9396

■ 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



36.0948, 26.8999, 56.0426



39.2700, 26.8999, 34.5749



38.3349, 26.8999, 18.4362

Triad

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



39.2700, 26.8999, 34.5749



21.4267, 26.8999, 7.6286



18.8516, 26.8999, 65.0224

Complementary

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



39.2700, 26.8999, 34.5749



36.9670, 54.7359, 43.7416

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.



16.0056, 26.8999, 43.7356



39.2700, 26.8999, 34.5749



17.3164, 26.8999, 12.7830

Square

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



39.2700, 26.8999, 34.5749



27.3520, 26.8999, 6.8311



15.4930, 26.8999, 24.5721



23.8625, 26.8999, 77.7228

Rectangle

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



39.2700, 26.8999, 34.5749



35.5630, 26.8999, 11.9671



15.4930, 26.8999, 24.5721



17.6460, 26.8999, 58.3061

Sweetspot

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



39.2708, 26.9012, 34.5754



80.0655, 75.3457, 87.5203



32.6012, 22.7243, 67.6340



16.7718, 15.5326, 18.1898



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.



39.2708, 26.9012, 34.5754



52.7895, 32.7045, 41.7091



36.1532, 26.2689, 16.2633



12.6607, 12.5158, 14.1537



18.1848, 9.2103, 8.2774



1.1384, 0.5721, 0.7181

Inverse Universe

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



39.2708, 26.9012, 34.5754



52.7895, 32.7045, 41.7091



41.7147, 55.1220, 73.4070



12.6607, 12.5158, 14.1537



18.1848, 9.2103, 8.2774



1.1384, 0.5721, 0.7181

Previews

White Background



This preview shows how the XYZ color 39.2700, 26.8999, 34.5749 looks on a white background.

Color Contrast Check

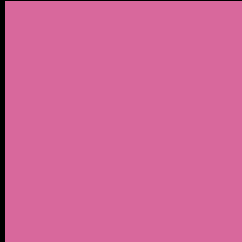
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2700, 26.8999, 34.5749 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 39.2700, 26.8999, 34.5749

Background



This preview shows how black text looks on a background with the XYZ color 39.2700, 26.8999, 34.5749.



This preview shows how white text looks on a background with the XYZ color 39.2700, 26.8999,

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

39.2700, 26.8999, 34.5749

Protanopia

27.2788, 27.2506, 47.0022

Deuteranopia

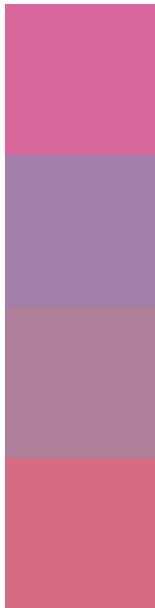
27.5424, 27.0544, 32.6245



Tritanopia

36.4548, 26.8469, 20.7134

Trichromacy



Original Color

39.2700, 26.8999, 34.5749

Protanomaly

30.1741, 26.1651, 41.9881

Deuteranomaly

30.8075, 26.3027, 33.1590

Tritanomaly

37.2590, 26.6872, 25.0172

Monochromacy



Original Color

39.2700, 26.8999, 34.5749

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.7731, 26.3847, 31.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2700, 26.8999, 34.5749 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(216, 104, 156)` looks like.

```
.text, #text, p{  
    color:rgb(216, 104, 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(216, 104, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 104, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.2700, 26.8999, 34.5749 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(216, 104, 156) }
```


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

```
.border{ border-color:rgb(216, 104, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 104, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 104, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 104, 156);  
box-shadow:4px 4px 4px 4px rgb(216, 104,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2700, 26.8999, 34.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 104, 156) }
```

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

```
.background{ background-color: rgb(216,  
104, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor