

Converting Colors

XYZ(39.4619, 26.4757, 57.2093)

Have a look what the booklet for
XYZ(39.4619, 26.4757, 57.2093)
contains.

XYZ(39.3465, 26.4417, 57.0628)	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(39.3465, 26.4417,
57.0628)**

Conversions

Conversions Part 1

Format	Color
Hex	C968C7
RGB	201, 104, 199
RGB Percent	79%, 41%, 78%
CMY	0.2118, 0.5921, 0.2196
CMYK	0.00, 0.48, 0.01, 0.21
HSL	301°, 47%, 60%
HSV	301°, 48%, 79%
XYZ	39.3465, 26.4417, 57.0628
YIQ	143.8330, 27.3170, 50.1090

Conversions

Conversions Part 2

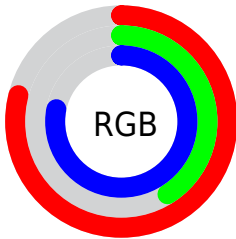
Format	Color
R_{YB}	201, 104, 199
Decimal	13199559
CIE _{Lab}	58.45, 51.72, -32.88
CIE _{LCh}	58, 61.287, 327.556
Yxy	26.4417, 0.3203, 0.2152
Android (android.graphics.Color)	4291389639 (0xFFC968C7)
YUV	143.8330, 27.1973, 50.1355
Hunter-Lab	51.4215, 46.5963, -29.7995

Details

The XYZ color **39.3465, 26.4417, 57.0628** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.1982, 45.7579, 20.9305**, and the grayscale version is **26.3295, 27.7007, 30.1660**.

A 20% lighter version of the original color is **71.5169, 52.9337, 101.0556**, and **17.9285, 10.3453, 27.8400** is the 20% darker color. If you saturate the color by 10%, you get **37.5114, 22.8479, 56.2142**, and if you desaturate by 10%, it is **41.6656, 31.0022, 58.0739**.

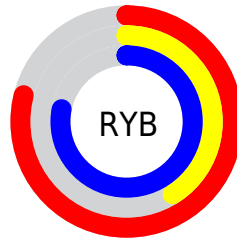
Distribution



Red (79%)

Green (41%)

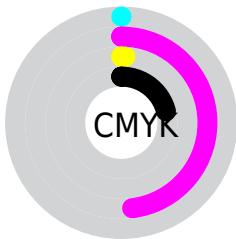
Blue (78%)



Red (79%)

Yellow (41%)

Blue (78%)

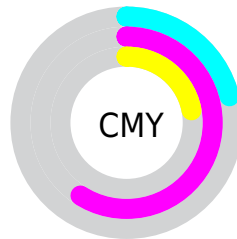


Cyan (0%)

Magenta (48%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3465, 26.4417, 57.0628 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 39.3465, 26.4417, 57.0628 by changing the saturation by 10% instead.

39.3465, 26.4417,
57.0628

39.3465, 26.4417,
57.0628

334.5433,
284.9437, 431.1849

27.2113, 17.1544,
40.6460

73.4580, 53.9867,
102.0581

17.8694, 10.3446,
27.7249

96.1651, 73.0131,
131.4736

10.9554, 5.6280,
17.8812

123.1269, 96.0547,
166.0590

6.1039, 2.6203,
10.6962

154.7087,
123.4958, 206.2330

2.9496, 0.9369,
5.7513

191.2758,
155.7209, 252.4141

1.1272, 0.0000,
2.6281

233.1938,

0.0477, 0.0000,

193.1143, 305.0207

0.9069

280.8278,
236.0604, 364.4715

■ 0.0000, 0.0000,
0.0000

■ 39.3465, 26.4417,
57.0628

■ 39.3465, 26.4417,
57.0628

■ 37.5114, 22.8479,
56.2142

■ 41.6656, 31.0022,
58.0739

■ 36.1230, 20.1476,
55.5148

■ 44.4975, 36.5886,
59.2563

■ 35.1424, 18.2631,
54.9521


■ 47.8718, 43.2596,
60.6202


■ 34.5236, 17.1017,
54.5106


■ 51.8151, 51.0684,
62.1744


■ 34.1955, 16.5217,
54.1667


■ 56.3522, 60.0647,
63.9272

 34.1492, 16.4423,
54.1104

 61.5066, 70.2953,
65.8864

 67.3004, 81.8044,
68.0593

 70.5460, 88.2170,
69.3836

 70.5952, 88.2367,
69.6430

Harmonies

Analogous

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



32.3986, 26.4417, 83.0059



39.3465, 26.4417, 57.0628



42.4366, 26.4417, 30.5853

Triad

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



39.3465, 26.4417, 57.0628



25.7512, 26.4417, 4.1189



14.4062, 26.4417, 52.3899

Complementary

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



39.3465, 26.4417, 57.0628



29.1982, 45.7579, 20.9305

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.



13.3168, 26.4417, 27.0673



39.3465, 26.4417, 57.0628



19.0423, 26.4417, 5.5230

Square

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



39.3465, 26.4417, 57.0628



33.6749, 26.4417, 6.1289



14.8341, 26.4417, 11.8506



18.1719, 26.4417, 79.4939

Rectangle

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



39.3465, 26.4417, 57.0628



41.5110, 26.4417, 18.0577



14.8341, 26.4417, 11.8506



13.7520, 26.4417, 43.1056

Sweetspot

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



39.3474, 26.4429, 57.0634



84.5815, 79.2524, 104.8268



21.3926, 17.1598, 57.4437



17.7973, 16.3562, 22.3158



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.



39.3474, 26.4429, 57.0634



64.0708, 38.8213, 96.1699



34.6152, 24.5500, 32.1441



11.0733, 10.8127, 13.3693



21.4759, 10.3399, 34.0455



1.0200, 0.4908, 1.6283

Inverse Universe

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



39.3474, 26.4429, 57.0634



64.0708, 38.8213, 96.1699



32.4391, 47.0543, 37.9968



11.0733, 10.8127, 13.3693



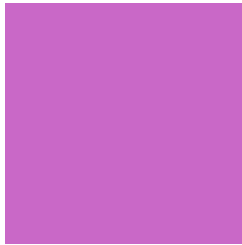
21.4759, 10.3399, 34.0455



1.0200, 0.4908, 1.6283

Previews

White Background



This preview shows how the XYZ color 39.3465, 26.4417, 57.0628 looks on a white background.

Color Contrast Check

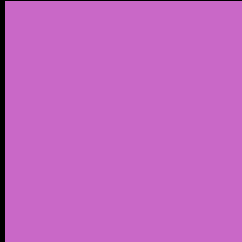
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3465, 26.4417, 57.0628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

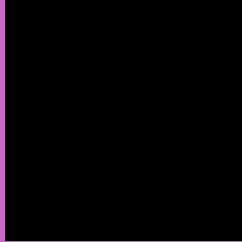
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3465, 26.4417, 57.0628

Background



This preview shows how black text looks on a background with the XYZ color 39.3465, 26.4417, 57.0628.



This preview shows how white text looks on a background with the XYZ color 39.3465, 26.4417,

57.0628.

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

39.3465, 26.4417, 57.0628

Protanopia

28.8975, 26.7872, 76.3204

Deuteranopia

27.3157, 26.6755, 54.1613



Tritanopia

32.4171, 26.2244, 24.1221

Trichromacy



Original Color

39.3465, 26.4417, 57.0628



Protanomaly

30.9697, 25.5942, 68.9535



Deuteranomaly

30.4481, 25.6341, 54.9729



Tritanomaly

34.3557, 25.9698, 33.7738

Monochromacy



Original Color

39.3465, 26.4417, 57.0628



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

30.0681, 26.3802, 38.6291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3465, 26.4417, 57.0628 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(201, 104, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 104, 199)  
}
```

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(201, 104, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 104, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.3465, 26.4417, 57.0628 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(201, 104, 199) }
```


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

```
.border{ border-color:rgb(201, 104, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 104, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 104, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 104, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 104,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3465, 26.4417, 57.0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 104, 199) }
```

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

```
.background{ background-color: rgb(201,  
104, 199) }
```

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