

Converting Colors

XYZ(34.4712, 25.3776, 38.9352)

Have a look what the booklet for
XYZ(34.4712, 25.3776, 38.9352)
contains.

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Color

**XYZ(34.5597, 25.4595,
39.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	C16FA6
RGB	193, 111, 166
RGB Percent	76%, 44%, 65%
CMY	0.2431, 0.5647, 0.3490
CMYK	0.00, 0.42, 0.14, 0.24
HSL	320°, 40%, 60%
HSV	320°, 42%, 76%
XYZ	34.5597, 25.4595, 39.1691
YIQ	141.7880, 31.2170, 34.4890

Conversions

Conversions Part 2

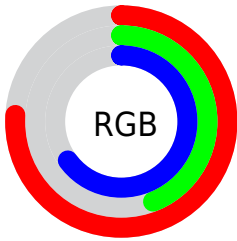
Format	Color
R _Y B	193, 111, 166
Decimal	12677030
CIE Lab	57.52, 39.97, -15.48
CIE LCh	58, 42.868, 338.829
Yxy	25.4595, 0.3484, 0.2567
Android (android.graphics.Color)	4290867110 (0xFFC16FA6)
YUV	141.7880, 11.9365, 44.9129
Hunter-Lab	50.4574, 33.9592, -10.7055

Details

The XYZ color **34.5597, 25.4595, 39.1691** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.2141, 43.3552, 30.8225**, and the grayscale version is **25.5739, 26.9057, 29.3003**.

A 20% lighter version of the original color is **66.1103, 52.2806, 75.0134**, and **15.1344, 9.8499, 17.0231** is the 20% darker color. If you saturate the color by 10%, you get **32.1083, 21.4665, 35.5465**, and if you desaturate by 10%, it is **37.4964, 30.3763, 43.0961**.

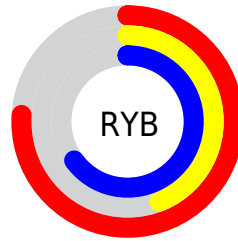
Distribution



Red (76%)

Green (44%)

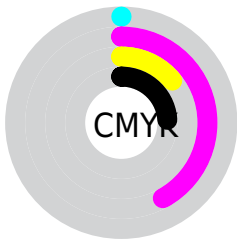
Blue (65%)



Red (76%)

Yellow (44%)

Blue (65%)

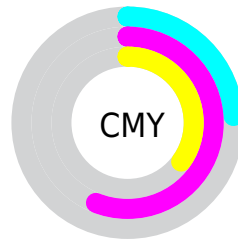


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5597, 25.4595, 39.1691 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 34.5597, 25.4595, 39.1691 by changing the saturation by 10% instead.

 34.5597, 25.4595,
39.1691


 34.5597, 25.4595,
39.1691


314.1628,
280.1186, 358.0563

 23.4888, 16.4197,
26.5825


 66.1416, 52.4017,
75.1198


 15.0775, 9.8216,
17.0302


 87.3834, 71.0729,
99.3209

 8.9605, 5.2809,
10.0939

 112.7462, 93.7234,
128.2305

 4.7723, 2.4130,
5.3548

 142.5954,
120.7375, 162.2673

 2.1477, 0.8326,
2.3946

177.2962,
152.4997, 201.8497

 0.7149, 0.0000,
0.7835

217.2142,

 0.0000, 0.0000,

189.3944, 247.3963

0.0000

262.7146,
231.8059, 299.3257

■ 34.5597, 25.4595,
39.1691

■ 34.5597, 25.4595,
39.1691

■ 32.1083, 21.4665,
35.5465

■ 37.4964, 30.3763,
43.0961

■ 30.1099, 18.3343,
32.2148

■ 40.9434, 36.2674,
47.3372

■ 28.5318, 15.9979,
29.1612

■ 44.9268, 43.1838,
51.9031

■ 27.3355, 14.3811,
26.3708

■ 49.4700, 51.1719,
56.8036

■ 26.4752, 13.3929,
23.8262

■ 54.5952, 60.2753,
62.0481

■ 25.9848, 12.9345,
22.0526

■ 60.3233, 70.5352,
67.6451

■ 66.6740, 81.9907,
73.6032

■ 70.2564, 87.8591,
78.7939

■ 71.0985, 88.1959,
83.2281

Harmonies

Analogous

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



30.8928, 25.4595, 55.9094



34.5597, 25.4595, 39.1691



35.2573, 25.4595, 23.6243

Triad

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



34.5597, 25.4595, 39.1691



22.7222, 25.4595, 8.1825



17.3262, 25.4595, 49.3587

Complementary

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



34.5597, 25.4595, 39.1691



30.2141, 43.3552, 30.8225

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.



15.7339, 25.4595, 32.2660



34.5597, 25.4595, 39.1691



18.5486, 25.4595, 11.0768

Square

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



34.5597, 25.4595, 39.1691



27.9211, 25.4595, 8.8960



16.1476, 25.4595, 18.7541



20.8224, 25.4595, 63.0875

Rectangle

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



34.5597, 25.4595, 39.1691



33.8614, 25.4595, 16.2507



16.1476, 25.4595, 18.7541



16.5746, 25.4595, 43.6146

Sweetspot

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



34.5605, 25.4607, 39.1696



79.9179, 76.3884, 92.3506



25.6223, 20.5361, 53.0659



16.7893, 15.7676, 19.4126



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.5605, 25.4607, 39.1696



57.7805, 38.8864, 64.0917



31.4458, 24.2148, 22.7679



10.3517, 10.1893, 11.9425



17.3210, 8.6182, 14.8684



0.7791, 0.3846, 0.8041

Inverse Universe

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



34.5605, 25.4607, 39.1696



57.7805, 38.8864, 64.0917



33.6590, 44.7332, 48.9631



10.3517, 10.1893, 11.9425



17.3210, 8.6182, 14.8684



0.7791, 0.3846, 0.8041

Previews

White Background



This preview shows how the XYZ color 34.5597, 25.4595, 39.1691 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 34.5597, 25.4595, 39.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

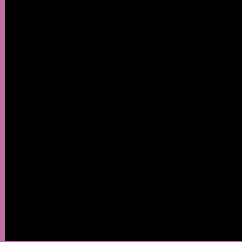
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5597, 25.4595, 39.1691

Background



This preview shows how black text looks on a background with the XYZ color 34.5597, 25.4595, 39.1691.



This preview shows how white text looks on a background with the XYZ color 34.5597, 25.4595,

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

34.5597, 25.4595, 39.1691

Protanopia

26.0548, 25.7120, 48.9371

Deuteranopia

26.1701, 25.5993, 37.7443



Tritanopia

31.4794, 25.5710, 23.6986

Trichromacy



Original Color

34.5597, 25.4595, 39.1691

Protanomaly

28.2327, 25.0967, 44.9511

Deuteranomaly

28.5689, 25.0396, 37.9777

Tritanomaly

32.3631, 25.3909, 28.7864

Monochromacy



Original Color

34.5597, 25.4595, 39.1691

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.4002, 26.0440, 32.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5597, 25.4595, 39.1691 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(193, 111, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 111, 166)  
}
```

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(193, 111, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 111, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.5597, 25.4595, 39.1691 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(193, 111, 166) }
```


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

```
.border{ border-color:rgb(193, 111, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 111, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 111, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 111, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 111,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5597, 25.4595, 39.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 111, 166) }
```

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

```
.background{ background-color: rgb(193,  
111, 166) }
```

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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