

Converting Colors

XYZ(34.5717, 25.0625, 39.4766)

Have a look what the booklet for
XYZ(34.5717, 25.0625, 39.4766)
contains.

| | |
|--|----|
| XYZ(34.6918, 25.1966, 39.5942) | 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(34.6918, 25.1966,
39.5942)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C26DA7 |
| RGB | 194, 109, 167 |
| RGB Percent | 76%, 43%, 65% |
| CMY | 0.2392, 0.5725, 0.3451 |
| CMYK | 0.00, 0.44, 0.14, 0.24 |
| HSL | 319°, 41%, 59% |
| HSV | 319°, 44%, 76% |
| XYZ | 34.6918, 25.1966, 39.5942 |
| YIQ | 141.0270, 32.0420, 36.0580 |

Conversions

Conversions Part 2

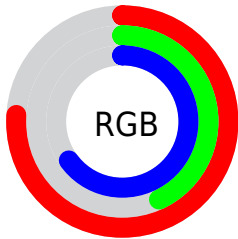
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 109, 167 |
| Decimal | 12742055 |
| CIELab | 57.27, 41.52, -16.43 |
| CIELCh | 57, 44.657, 338.410 |
| Yxy | 25.1966, 0.3487, 0.2533 |
| Android (android.graphics.Color) | 4290932135 (0xFFC26DA7) |
| YUV | 141.0270, 12.8047, 46.4573 |
| Hunter-Lab | 50.1962, 35.5222, -11.6299 |

Details

The XYZ color **34.6918, 25.1966, 39.5942** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.0435, 43.6131, 30.1291**, and the grayscale version is **25.2713, 26.5874, 28.9537**.

A 20% lighter version of the original color is **66.2500, 51.8100, 75.6158**, and **15.0888, 9.6672, 17.2903** is the 20% darker color. If you saturate the color by 10%, you get **32.2900, 21.2827, 36.0495**, and if you desaturate by 10%, it is **37.5790, 30.0371, 43.4352**.

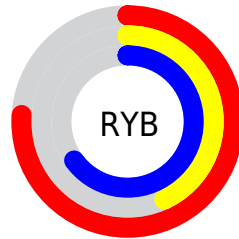
Distribution



Red (76%)

Green (43%)

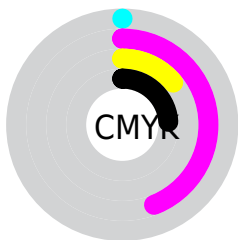
Blue (65%)



Red (76%)

Yellow (43%)

Blue (65%)

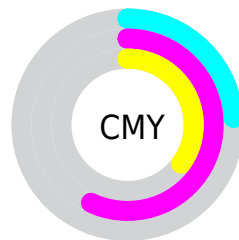


Cyan (0%)

Magenta (44%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6918, 25.1966, 39.5942 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 34.6918, 25.1966, 39.5942 by changing the saturation by 10% instead.


 34.6918, 25.1966,
39.5942

 34.6918, 25.1966,
39.5942


314.7378,
278.8156, 359.9113

 23.5910, 16.2236,
26.9109


 66.3452, 51.9760,
75.7755


 15.1536, 9.6825,
17.2745


 87.6285, 70.5512,
100.1106

 9.0142, 5.1890,
10.2664


 113.0367, 93.0958,
129.1667

 4.8077, 2.3586,
5.4680

 142.9350,
119.9944, 163.3623

 2.1684, 0.8044,
2.4609

177.6890,
151.6313, 203.1161

 0.7260, 0.0000,
0.8193

217.6638,

 0.0000, 0.0000,

188.3908, 248.8465

0.0000

263.2250,
230.6575, 300.9720

■ 34.6918, 25.1966,
39.5942

■ 34.6918, 25.1966,
39.5942

■ 32.2900, 21.2827,
36.0495

■ 37.5790, 30.0371,
43.4352

■ 30.3404, 18.2311,
32.7874

■ 40.9773, 35.8560,
47.5821

■ 28.8096, 15.9744,
29.7951

■ 44.9133, 42.7055,
52.0457

■ 27.6577, 14.4342,
27.0575

■ 49.4108, 50.6331,
56.8358

■ 26.8371, 13.5154,
24.5567

■ 54.4925, 59.6832,
61.9616

■ 26.4388, 13.1456,
23.1081

■ 60.1795, 69.8977,
67.4319

■ 66.4921, 81.3166,
73.2550

■ 70.4421, 87.9629,
78.4365

■ 71.2555, 88.2883,
82.7200

Harmonies

Analogous

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



30.8312, 25.1966, 57.1328



34.6918, 25.1966, 39.5942



35.4703, 25.1966, 23.3957

Triad

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



34.6918, 25.1966, 39.5942



22.4933, 25.1966, 7.5442



16.8373, 25.1966, 49.7725

Complementary

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



34.6918, 25.1966, 39.5942



30.0435, 43.6131, 30.1291

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.



15.2387, 25.1966, 31.9139



34.6918, 25.1966, 39.5942



18.1750, 25.1966, 10.3681

Square

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



34.6918, 25.1966, 39.5942



27.8848, 25.1966, 8.2990



15.6896, 25.1966, 18.0608



20.4014, 25.1966, 64.3569

Rectangle

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



34.6918, 25.1966, 39.5942



34.0420, 25.1966, 15.7895



15.6896, 25.1966, 18.0608



16.0780, 25.1966, 43.7367

Sweetspot

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



34.6926, 25.1978, 39.5947



81.8354, 78.1850, 94.8020



25.3472, 20.0609, 53.5755



17.5476, 16.4677, 20.3492



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.



34.6926, 25.1978, 39.5947



58.4898, 38.5409, 65.2947



31.3928, 23.8779, 22.2184



10.3567, 10.1913, 11.9691



17.4212, 8.6582, 15.3959



0.7829, 0.3862, 0.8240

Inverse Universe

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



34.6926, 25.1978, 39.5947



58.4898, 38.5409, 65.2947



33.6771, 45.0666, 49.2637



10.3567, 10.1913, 11.9691



17.4212, 8.6582, 15.3959



0.7829, 0.3862, 0.8240

Previews

White Background



This preview shows how the XYZ color 34.6918, 25.1966, 39.5942 looks on a white background.

Color Contrast Check

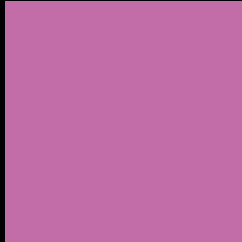
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6918, 25.1966, 39.5942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

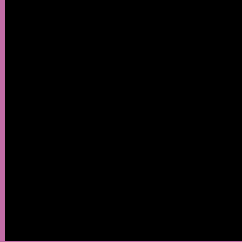
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6918, 25.1966, 39.5942

Background



This preview shows how black text looks on a background with the XYZ color 34.6918, 25.1966, 39.5942.



This preview shows how white text looks on a background with the XYZ color 34.6918, 25.1966,

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

34.6918, 25.1966, 39.5942

Protanopia

25.9793, 25.4386, 49.9953

Deuteranopia

25.9223, 25.4613, 38.1986



Tritanopia

31.1135, 25.0478, 22.9335

Trichromacy



Original Color

34.6918, 25.1966, 39.5942

Protanomaly

27.9920, 24.5659, 45.9142

Deuteranomaly

28.4598, 24.9730, 38.4422

Tritanomaly

32.3109, 25.0341, 28.3284

Monochromacy



Original Color

34.6918, 25.1966, 39.5942

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8525, 25.3761, 32.2843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6918, 25.1966, 39.5942 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(194, 109, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 167)  
}
```

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(194, 109, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.6918, 25.1966, 39.5942 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(194, 109, 167) }
```


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

```
.border{ border-color:rgb(194, 109, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6918, 25.1966, 39.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 167) }
```

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

```
.background{ background-color: rgb(194,  
109, 167) }
```

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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