

Converting Colors

XYZ(35.3469, 25.0089, 49.8776)

Have a look what the booklet for
XYZ(35.3469, 25.0089, 49.8776)
contains.

| | |
|--|----|
| XYZ(35.4625, 25.0504, 49.9798) | 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(35.4625, 25.0504,
49.9798)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BE6BBB |
| RGB | 190, 107, 187 |
| RGB Percent | 75%, 42%, 73% |
| CMY | 0.2549, 0.5804, 0.2667 |
| CMYK | 0.00, 0.44, 0.02, 0.25 |
| HSL | 302°, 39%, 58% |
| HSV | 302°, 44%, 75% |
| XYZ | 35.4625, 25.0504, 49.9798 |
| YIQ | 140.9370, 23.7880, 42.4760 |

Conversions

Conversions Part 2

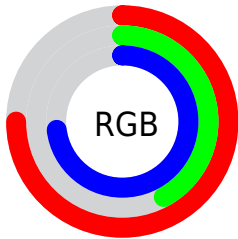
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 190, 107, 187 |
| Decimal | 12479419 |
| CIE Lab | 57.12, 44.76, -28.20 |
| CIE LCh | 57, 52.906, 327.787 |
| Yxy | 25.0504, 0.3209, 0.2267 |
| Android (android.graphics.Color) | 4290669499 (0xFFBE6BBB) |
| YUV | 140.9370, 22.7091, 43.0283 |
| Hunter-Lab | 50.0504, 38.8855, -24.1711 |

Details

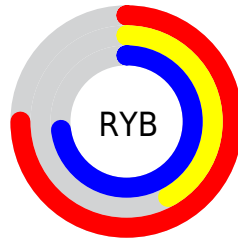
The XYZ color **35.4625, 25.0504, 49.9798** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.2924, 41.0793, 21.2440**, and the grayscale version is **25.2009, 26.5133, 28.8730**.

A 20% lighter version of the original color is **67.6339, 51.9173, 91.2504**, and **15.5915, 9.5767, 23.2170** is the 20% darker color. If you saturate the color by 10%, you get **33.6219, 21.4860, 49.0045**, and if you desaturate by 10%, it is **37.7404, 29.4876, 51.1030**.

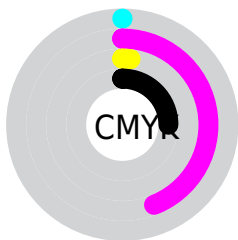
Distribution



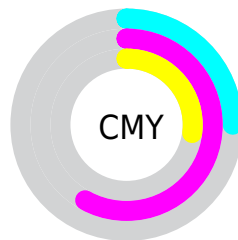
- Red (75%)
- Green (42%)
- Blue (73%)



- Red (75%)
- Yellow (42%)
- Blue (73%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4625, 25.0504, 49.9798 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 35.4625, 25.0504, 49.9798 by changing the saturation by 10% instead.

 35.4625, 25.0504,
49.9798


 35.4625, 25.0504,
49.9798


318.0775,
278.0888, 403.3197


 24.1875, 16.1146,
35.0263


 67.5310, 51.7390,
91.5409


 15.5983, 9.6053,
23.3994


 89.0552, 70.2605,
118.9856

 9.3294, 5.1380,
14.6806


 114.7265, 92.7462,
151.4312

 5.0155, 2.3285,
8.4514

 144.9103,
119.5802, 189.2960

 2.2912, 0.7887,
4.2933

179.9719,
151.1471, 232.9988

 0.7902, 0.0000,
1.7876

220.2768,

 0.0000, 0.0000,

187.8313, 282.9579

0.4197

266.1902,
230.0171, 339.5921

■ 0.0000, 0.0000,
0.0000

■ 35.4625, 25.0504,
49.9798

■ 35.4625, 25.0504,
49.9798

■ 33.6219, 21.4860,
49.0045

■ 37.7404, 29.4876,
51.1030

■ 32.1871, 18.7334,
48.1661

■ 40.4791, 34.8466,
52.3814

■ 31.1269, 16.7291,
47.4542

■ 43.7038, 41.1768,
53.8234

■ 30.4038, 15.3988,
46.8564

■ 47.4367, 48.5230,
55.4367

■ 29.9733, 14.6528,
46.3578

■ 51.6991, 56.9275,
57.2281

■ 29.7965, 14.3717,
46.0755

■ 56.5107, 66.4299,
59.2044

■ 61.8904, 77.0679,
61.3718

■ 66.5649, 86.2951,
63.3059

■ 66.6415, 86.3257,
63.7090

Harmonies

Analogous

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



29.8478, 25.0504, 70.3267



35.4625, 25.0504, 49.9798



37.9122, 25.0504, 28.6233

Triad

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



35.4625, 25.0504, 49.9798



24.2757, 25.0504, 5.3405



14.6997, 25.0504, 46.6187

Complementary

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



35.4625, 25.0504, 49.9798



27.2924, 41.0793, 21.2440

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.



13.7261, 25.0504, 25.9709



35.4625, 25.0504, 49.9798



18.6463, 25.0504, 6.7798

Square

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



35.4625, 25.0504, 49.9798



30.7899, 25.0504, 7.3177



15.0380, 25.0504, 12.7606



17.9732, 25.0504, 67.8626

Rectangle

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



35.4625, 25.0504, 49.9798



37.1481, 25.0504, 18.0736



15.0380, 25.0504, 12.7606



14.1206, 25.0504, 39.1668

Sweetspot

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



35.4633, 25.0515, 49.9803



79.4947, 75.2032, 97.6656



20.9545, 17.5345, 50.9958



17.1499, 15.9118, 21.3116



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.



35.4633, 25.0515, 49.9803



61.1782, 39.4198, 88.9411



31.6614, 23.5308, 29.9598



9.9147, 9.6902, 11.9396



19.8193, 9.5589, 30.6716



0.7810, 0.3763, 1.2261

Inverse Universe

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



35.4633, 25.0515, 49.9803



61.1782, 39.4198, 88.9411



30.0855, 42.1966, 35.9521



9.9147, 9.6902, 11.9396



19.8193, 9.5589, 30.6716



0.7810, 0.3763, 1.2261

Previews

White Background



This preview shows how the XYZ color 35.4625, 25.0504, 49.9798 looks on a white background.

Color Contrast Check

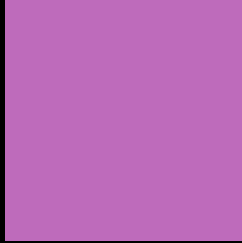
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4625, 25.0504, 49.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

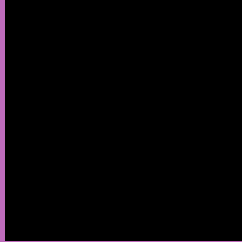
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4625, 25.0504, 49.9798

Background



This preview shows how black text looks on a background with the XYZ color 35.4625, 25.0504, 49.9798.



This preview shows how white text looks on a background with the XYZ color 35.4625, 25.0504,

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

35.4625, 25.0504, 49.9798

Protanopia

26.8524, 25.3606, 64.4526

Deuteranopia

25.8599, 25.2174, 47.7604



Tritanopia

30.2074, 25.0852, 24.0187

Trichromacy



Original Color

35.4625, 25.0504, 49.9798

Protanomaly

28.8095, 24.5069, 59.0890

Deuteranomaly

28.5630, 24.6120, 48.5925

Tritanomaly

31.8855, 24.9026, 31.9803

Monochromacy



Original Color

35.4625, 25.0504, 49.9798

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.3199, 25.5401, 35.7849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4625, 25.0504, 49.9798 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(190, 107, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 107, 187)  
}
```

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(190, 107, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 107, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.4625, 25.0504, 49.9798 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(190, 107, 187) }
```


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

```
.border{ border-color:rgb(190, 107, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 107, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 107, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 107, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 107,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4625, 25.0504, 49.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 107, 187) }
```

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

```
.background{ background-color: rgb(190,  
107, 187) }
```

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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