

Converting Colors

XYZ(34.5183, 25.3887, 34.0915)

Have a look what the booklet for
XYZ(34.5183, 25.3887, 34.0915)
contains.

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Color

**XYZ(34.5183, 25.3887,
34.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	C56E9B
RGB	197, 110, 155
RGB Percent	77%, 43%, 61%
CMY	0.2274, 0.5686, 0.3922
CMYK	0.00, 0.44, 0.21, 0.23
HSL	329°, 43%, 60%
HSV	329°, 44%, 77%
XYZ	34.5183, 25.3887, 34.0915
YIQ	141.1430, 37.4070, 32.4390

Conversions

Conversions Part 2

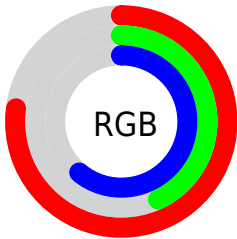
Format	Color
RYB	197, 110, 155
Decimal	12938907
CIELab	57.45, 40.13, -9.17
CIElCh	57, 41.160, 347.132
Yxy	25.3887, 0.3672, 0.2701
Android (android.graphics.Color)	4291128987 (0xFFC56E9B)
YUV	141.1430, 6.8315, 48.9866
Hunter-Lab	50.3872, 34.1058, -4.8440

Details

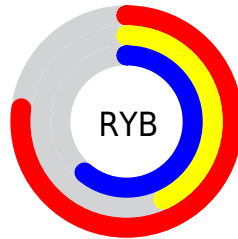
The XYZ color **34.5183, 25.3887, 34.0915** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.0653, 45.5153, 36.8032**, and the grayscale version is **25.3380, 26.6575, 29.0300**.

A 20% lighter version of the original color is **65.8458, 52.0578, 66.8993**, and **15.0472, 9.7901, 14.1933** is the 20% darker color. If you saturate the color by 10%, you get **31.8568, 21.2938, 29.4176**, and if you desaturate by 10%, it is **37.7167, 30.4562, 39.2554**.

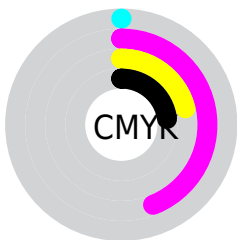
Distribution



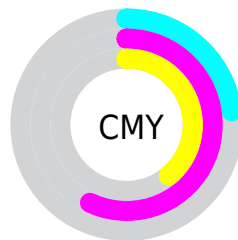
- Red (77%)
- Green (43%)
- Blue (61%)



- Red (77%)
- Yellow (43%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5183, 25.3887, 34.0915 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 34.5183, 25.3887, 34.0915 by changing the saturation by 10% instead.

 34.5183, 25.3887,
34.0915


 34.5183, 25.3887,
34.0915


313.9824,
279.7682, 335.3215


 23.4568, 16.3669,
22.6860


 66.0778, 52.2871,
67.2115


 15.0537, 9.7841,
14.1587


 87.3066, 70.9325,
89.7630

 8.9437, 5.2561,
8.0911


 112.6551, 93.5545,
116.8669

 4.7613, 2.3983,
4.0647

 142.4888,
120.5376, 148.9417

 2.1412, 0.8250,
1.6609

177.1731,
152.2661, 186.4061

 0.7115, 0.0000,
0.3337

217.0732,

 0.0000, 0.0000,

189.1244, 229.6785

0.0000

262.5545,
231.4970, 279.1774

■ 34.5183, 25.3887,
34.0915

■ 34.5183, 25.3887,
34.0915

■ 31.8568, 21.2938,
29.4176

■ 37.7167, 30.4562,
39.2554

■ 29.6968, 18.1038,
25.2139

■ 41.4799, 36.5506,
44.9245

■ 28.0020, 15.7482,
21.4612


■ 45.8365, 43.7266,
51.1155


■ 26.7299, 14.1445,
18.1377


■ 50.8124, 52.0341,
57.8433


■ 25.8291, 13.1925,
15.2184


■ 56.4319, 61.5196,
65.1224

 25.4191, 12.8276,
13.6786

 62.7180, 72.2271,
72.9665

 69.6926, 84.1983,
81.3888

 73.2223, 89.1649,
89.0174

 74.6034, 89.7173,
96.2900

Harmonies

Analogous

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



31.7073, 25.3887, 50.3340



34.5183, 25.3887, 34.0915



34.2887, 25.3887, 20.4399

Triad

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



34.5183, 25.3887, 34.0915



21.4636, 25.3887, 9.0581



18.2781, 25.3887, 52.4786

Complementary

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



34.5183, 25.3887, 34.0915



32.0653, 45.5153, 36.8032

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.



16.2084, 25.3887, 36.3685



34.5183, 25.3887, 34.0915



17.8697, 25.3887, 13.0627

Square

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



34.5183, 25.3887, 34.0915



26.2884, 25.3887, 8.8136



16.0698, 25.3887, 22.0654



22.0954, 25.3887, 63.1260

Rectangle

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



34.5183, 25.3887, 34.0915



32.4390, 25.3887, 14.3566



16.0698, 25.3887, 22.0654



17.3788, 25.3887, 47.3159

Sweetspot

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



34.5190, 25.3899, 34.0920



82.9008, 79.6546, 92.6636



28.3435, 21.7256, 55.5233



17.3445, 16.3865, 19.2798



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.



34.5190, 25.3899, 34.0920



57.2056, 38.3638, 52.9630



31.5779, 24.2134, 18.6040



10.8591, 10.7270, 12.2411



16.7616, 8.4542, 9.2203



0.8301, 0.4149, 0.6287

Inverse Universe

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



34.5190, 25.3899, 34.0920



57.2056, 38.3638, 52.9630



36.1464, 47.1477, 58.2936



10.8591, 10.7270, 12.2411



16.7616, 8.4542, 9.2203



0.8301, 0.4149, 0.6287

Previews

White Background



This preview shows how the XYZ color 34.5183, 25.3887, 34.0915 looks on a white background.

Color Contrast Check

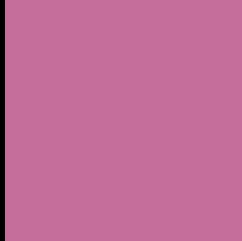
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5183, 25.3887, 34.0915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

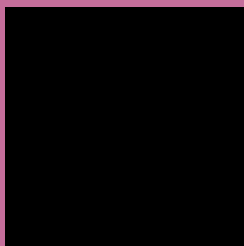
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5183, 25.3887, 34.0915

Background



This preview shows how black text looks on a background with the XYZ color 34.5183, 25.3887, 34.0915.



This preview shows how white text looks on a background with the XYZ color 34.5183, 25.3887,

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

34.5183, 25.3887, 34.0915

Protanopia

25.6944, 25.6543, 43.1327

Deuteranopia

26.1039, 25.6733, 32.8578



Tritanopia

32.1316, 25.4154, 22.2809

Trichromacy



Original Color

34.5183, 25.3887, 34.0915

Protanomaly

27.7987, 24.8019, 39.3985

Deuteranomaly

28.6454, 25.1880, 33.0578

Tritanomaly

32.8962, 25.3860, 26.0878

Monochromacy



Original Color

34.5183, 25.3887, 34.0915

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8689, 25.6177, 30.6700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5183, 25.3887, 34.0915 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(197, 110, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 155)  
}
```

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(197, 110, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.5183, 25.3887, 34.0915 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(197, 110, 155) }
```


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

```
.border{ border-color:rgb(197, 110, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 110, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 110, 155); box-shadow:4px 4px 4px 4px rgb(197, 110, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5183, 25.3887, 34.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 155) }
```

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

```
.background{ background-color: rgb(197,  
110, 155) }
```

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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