

Converting Colors

XYZ(34.0925, 25.1865, 33.2016)

Have a look what the booklet for
XYZ(34.0925, 25.1865, 33.2016)
contains.

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Color

**XYZ(34.0906, 25.1875,
33.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	C46E99
RGB	196, 110, 153
RGB Percent	77%, 43%, 60%
CMY	0.2314, 0.5686, 0.4000
CMYK	0.00, 0.44, 0.22, 0.23
HSL	330°, 42%, 60%
HSV	330°, 44%, 77%
XYZ	34.0906, 25.1875, 33.2019
YIQ	140.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

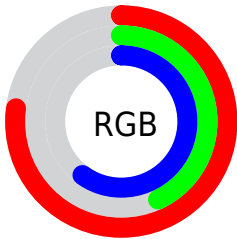
Format	Color
R _{YB}	196, 110, 153
Decimal	12873369
CIE Lab	57.26, 39.49, -8.31
CIE LCh	57, 40.350, 348.115
Yxy	25.1875, 0.3686, 0.2724
Android (android.graphics.Color)	4291063449 (0xFFC46E99)
YUV	140.6160, 6.1053, 48.5718
Hunter-Lab	50.1871, 33.4221, -4.0930

Details

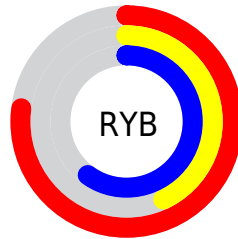
The XYZ color **34.0906, 25.1875, 33.2019** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.9212, 45.0954, 37.1609**, and the grayscale version is **25.1345, 26.4435, 28.7970**.

A 20% lighter version of the original color is **65.2327, 51.7702, 65.5860**, and **14.7775, 9.6627, 13.6566** is the 20% darker color. If you saturate the color by 10%, you get **31.4286, 21.1059, 28.4836**, and if you desaturate by 10%, it is **37.2883, 30.2335, 38.4273**.

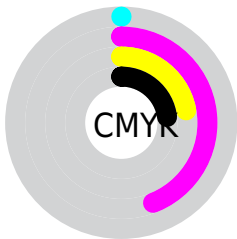
Distribution



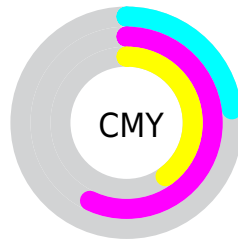
- Red (77%)
- Green (43%)
- Blue (60%)



- Red (77%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0906, 25.1875, 33.2019 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 34.0906, 25.1875, 33.2019 by changing the saturation by 10% instead.

 34.0906, 25.1875,
33.2019


 34.0906, 25.1875,
33.2019


312.1147,
278.7704, 331.2184

 23.1264, 16.2168,
22.0088


 65.4179, 51.9612,
65.8103


 14.8081, 9.6777,
13.6650


 86.5117, 70.5331,
88.0626

 8.7703, 5.1858,
7.7519


 111.7128, 93.0741,
114.8384

 4.6475, 2.3567,
3.8511

 141.3865,
119.9686, 146.5562

 2.0746, 0.8035,
1.5440

175.8982,
151.6012, 183.6345

 0.6753, 0.0000,
0.2504

215.6132,

 0.0000, 0.0000,

188.3560, 226.4920

0.0000

260.8969,
230.6177, 275.5471

■ 34.0906, 25.1875,
33.2019

■ 34.0906, 25.1875,
33.2019

■ 31.4286, 21.1059,
28.4836

■ 37.2883, 30.2335,
38.4273

■ 29.2672, 17.9221,
24.2521

■ 41.0493, 36.2974,
44.1759

■ 27.5706, 15.5665,
20.4877


■ 45.4019, 43.4334,
50.4647


■ 26.2968, 13.9580,
17.1678


■ 50.3718, 51.6904,
57.3093


■ 25.3952, 12.9983,
14.2667


■ 55.9832, 61.1146,
64.7247

 24.9694, 12.6176,
12.6736

 62.2589, 71.7493,
72.7251

 69.2204, 83.6357,
81.3243

 73.0060, 89.0482,
89.2414

 74.4328, 89.6189,
96.7548

Harmonies

Analogous

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



31.4432, 25.1875, 48.9818



34.0906, 25.1875, 33.2019



33.7649, 25.1875, 20.0374

Triad

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



34.0906, 25.1875, 33.2019



21.1983, 25.1875, 9.2612



18.3206, 25.1875, 52.0158

Complementary

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



34.0906, 25.1875, 33.2019



31.9212, 45.0954, 37.1609

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.



16.2338, 25.1875, 36.4359



34.0906, 25.1875, 33.2019



17.7368, 25.1875, 13.3535

Square

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



34.0906, 25.1875, 33.2019



25.8802, 25.1875, 8.9073



16.0354, 25.1875, 22.3602



22.0992, 25.1875, 62.0237

Rectangle

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



34.0906, 25.1875, 33.2019



31.9109, 25.1875, 14.1902



16.0354, 25.1875, 22.3602



17.4209, 25.1875, 47.0577

Sweetspot

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



34.0913, 25.1887, 33.2024



82.8165, 79.6209, 92.2196



28.6777, 21.9111, 54.9425



17.3237, 16.3782, 19.1704



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.



34.0913, 25.1887, 33.2024



56.9533, 38.2628, 51.6345



31.1563, 24.0147, 17.7465



10.2785, 10.1600, 11.5571



16.0874, 8.1247, 8.3721



0.7299, 0.3650, 0.5450

Inverse Universe

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



34.0913, 25.1887, 33.2024



56.9533, 38.2628, 51.6345



36.1349, 46.7808, 59.3498



10.2785, 10.1600, 11.5571



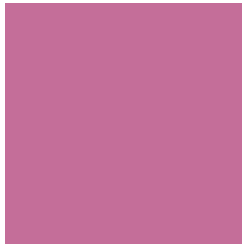
16.0874, 8.1247, 8.3721



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 34.0906, 25.1875, 33.2019 looks on a white background.

Color Contrast Check

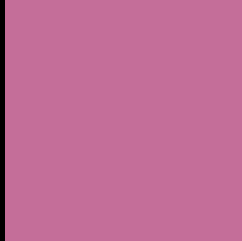
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0906, 25.1875, 33.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

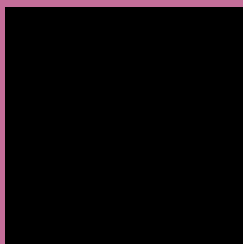
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0906, 25.1875, 33.2019

Background



This preview shows how black text looks on a background with the XYZ color 34.0906, 25.1875, 33.2019.



This preview shows how white text looks on a background with the XYZ color 34.0906, 25.1875,

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

34.0906, 25.1875, 33.2019

Protanopia

25.5023, 25.5774, 42.1209

Deuteranopia

25.8040, 25.3311, 31.9631



Tritanopia

31.8758, 25.2835, 22.2689

Trichromacy



Original Color

34.0906, 25.1875, 33.2019

Protanomaly

27.6166, 24.7291, 38.4396

Deuteranomaly

28.1485, 24.7618, 32.1501

Tritanomaly

32.6386, 25.2532, 26.0758

Monochromacy



Original Color

34.0906, 25.1875, 33.2019

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.7914, 25.5867, 30.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0906, 25.1875, 33.2019 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(196, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 153)  
}
```

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(196, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.0906, 25.1875, 33.2019 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(196, 110, 153) }
```


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

```
.border{ border-color:rgb(196, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0906, 25.1875, 33.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 153) }
```

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

```
.background{ background-color: rgb(196,  
110, 153) }
```

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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