

Converting Colors

XYZ(34.4866, 25.1643, 36.4929)

Have a look what the booklet for
XYZ(34.4866, 25.1643, 36.4929)
contains.

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Color

**XYZ(34.3195, 25.0774,
36.2893)**

Conversions

Conversions Part 1

Format	Color
Hex	C36DA0
RGB	195, 109, 160
RGB Percent	76%, 43%, 63%
CMY	0.2353, 0.5725, 0.3725
CMYK	0.00, 0.44, 0.18, 0.24
HSL	324°, 42%, 60%
HSV	324°, 44%, 76%
XYZ	34.3195, 25.0774, 36.2893
YIQ	140.5280, 34.8850, 34.0930

Conversions

Conversions Part 2

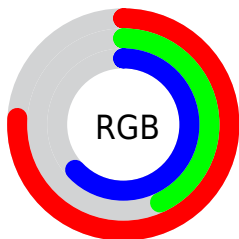
Format	Color
R_{YB}	195, 109, 160
Decimal	12807584
CIE _{Lab}	57.15, 40.74, -12.54
CIE _{LCh}	57, 42.627, 342.886
Yxy	25.0774, 0.3587, 0.2621
Android (android.graphics.Color)	4290997664 (0xFFC36DA0)
YUV	140.5280, 9.5997, 47.7719
Hunter-Lab	50.0773, 34.6960, -7.9113

Details

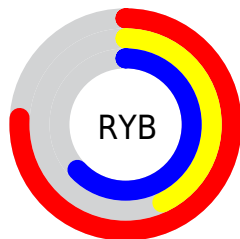
The XYZ color **34.3195, 25.0774, 36.2893** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.8570, 44.2958, 33.3111**, and the grayscale version is **25.0877, 26.3942, 28.7433**.

A 20% lighter version of the original color is **65.6941, 51.6296, 70.7930**, and **14.8673, 9.5978, 15.2563** is the 20% darker color. If you saturate the color by 10%, you get **31.7932, 21.1004, 32.1304**, and if you desaturate by 10%, it is **37.3531, 29.9974, 40.8365**.

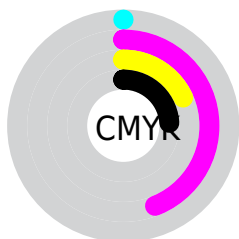
Distribution



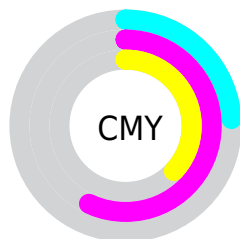
- Red (76%)
- Green (43%)
- Blue (63%)



- Red (76%)
- Yellow (43%)
- Blue (63%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)
- Black (24%)





- Cyan (24%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3195, 25.0774, 36.2893 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 34.3195, 25.0774, 36.2893 by changing the saturation by 10% instead.

 34.3195, 25.0774,
36.2893


 34.3195, 25.0774,
36.2893


313.1153,
278.2232, 345.2988


 23.3032, 16.1347,
24.3662

 65.7712, 51.7828,
70.6524


 14.9395, 9.6195,
15.3908


 86.9373, 70.3142,
93.9296

 8.8630, 5.1474,
8.9445

 112.2174, 92.8108,
121.8285

 4.7083, 2.3340,
4.6087

 141.9769,
119.6568, 154.7678

 2.1101, 0.7916,
1.9648

176.5810,
151.2366, 193.1659

 0.6947, 0.0000,
0.5335

216.3953,

 0.0000, 0.0000,

187.9347, 237.4414

0.0000

261.7849,
230.1354, 288.0129

■ 34.3195, 25.0774,
36.2893

■ 34.3195, 25.0774,
36.2893

■ 31.7932, 21.1004,
32.1304

■ 37.3531, 29.9974,
40.8365

■ 29.7401, 18.0006,
28.3438

■ 40.9205, 35.9131,
45.7840

■ 28.1257, 15.7098,
24.9138

■ 45.0491, 42.8778,
51.1450

■ 26.9091, 14.1476,
21.8226

■ 49.7636, 50.9395,
56.9316

■ 26.0410, 13.2171,
19.0494

■ 55.0873, 60.1438,
63.1551

■ 25.6371, 12.8547,
17.5422

■ 61.0421, 70.5331,
69.8263

■ 67.6487, 82.1481,
76.9559

■ 71.6517, 88.4765,
83.4619

■ 72.7504, 88.9160,
89.2474

Harmonies

Analogous

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



31.0380, 25.0774, 53.0288



34.3195, 25.0774, 36.2893



34.5554, 25.0774, 21.5844

Triad

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



34.3195, 25.0774, 36.2893



21.7438, 25.0774, 8.2319



17.4307, 25.0774, 50.8124

Complementary

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



34.3195, 25.0774, 36.2893



30.8570, 44.2958, 33.3111

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.



15.5991, 25.0774, 33.9564



34.3195, 25.0774, 36.2893



17.8432, 25.0774, 11.6283

Square

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



34.3195, 25.0774, 36.2893



26.7947, 25.0774, 8.4718



15.7386, 25.0774, 19.9413



21.1023, 25.0774, 63.2322

Rectangle

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



34.3195, 25.0774, 36.2893



32.9097, 25.0774, 14.8624



15.7386, 25.0774, 19.9413



16.6041, 25.0774, 45.2651

Sweetspot

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



34.3203, 25.0786, 36.2898



81.3984, 78.0102, 92.5007



26.7172, 20.7541, 54.2280



17.4368, 16.4234, 19.7660



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.



34.3203, 25.0786, 36.2898



57.0559, 37.9674, 57.7440



31.2216, 23.8391, 19.9724



10.3182, 10.1759, 11.7661



16.7052, 8.3718, 11.6254



0.7553, 0.3751, 0.6786

Inverse Universe

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



34.3203, 25.0786, 36.2898



57.0559, 37.9674, 57.7440



34.7282, 45.8443, 53.6968



10.3182, 10.1759, 11.7661



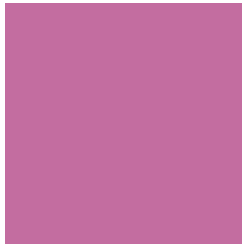
16.7052, 8.3718, 11.6254



0.7553, 0.3751, 0.6786

Previews

White Background



This preview shows how the XYZ color 34.3195, 25.0774, 36.2893 looks on a white background.

Color Contrast Check

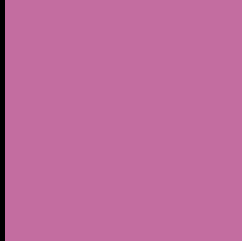
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3195, 25.0774, 36.2893 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 34.3195, 25.0774, 36.2893

Background



This preview shows how black text looks on a background with the XYZ color 34.3195, 25.0774, 36.2893.



This preview shows how white text looks on a background with the XYZ color 34.3195, 25.0774,

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

34.3195, 25.0774, 36.2893

Protanopia

25.5450, 25.2986, 46.1846

Deuteranopia

25.8535, 25.2901, 34.9713



Tritanopia

31.4329, 25.0478, 22.5801

Trichromacy



Original Color

34.3195, 25.0774, 36.2893

Protanomaly

27.6697, 24.4796, 42.2964

Deuteranomaly

28.3197, 24.7829, 35.1893

Tritanomaly

32.2308, 24.8517, 27.1429

Monochromacy



Original Color

34.3195, 25.0774, 36.2893

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8935, 25.4157, 31.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3195, 25.0774, 36.2893 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(195, 109, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 109, 160)  
}
```

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(195, 109, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 109, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.3195, 25.0774, 36.2893 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(195, 109, 160) }
```


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

```
.border{ border-color:rgb(195, 109, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 109, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 109, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 109, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 109,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3195, 25.0774, 36.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 109, 160) }
```

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

```
.background{ background-color: rgb(195,  
109, 160) }
```

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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