

Converting Colors

XYZ(33.8928, 25.8179, 35.8852)

Have a look what the booklet for
XYZ(33.8928, 25.8179, 35.8852)
contains.

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Color

**XYZ(33.8746, 25.8410,
36.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	BF739F
RGB	191, 115, 159
RGB Percent	75%, 45%, 62%
CMY	0.2510, 0.5490, 0.3765
CMYK	0.00, 0.40, 0.17, 0.25
HSL	325°, 37%, 60%
HSV	325°, 40%, 75%
XYZ	33.8746, 25.8410, 36.0033
YIQ	142.7400, 31.1720, 29.7960

Conversions

Conversions Part 2

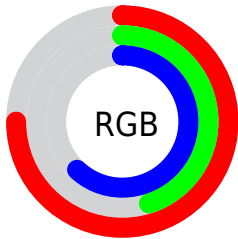
Format	Color
R_{YB}	191, 115, 159
Decimal	12546975
CIE _{Lab}	57.89, 36.03, -10.91
CIE _{LCh}	58, 37.642, 343.150
Yxy	25.8410, 0.3539, 0.2700
Android (android.graphics.Color)	4290737055 (0xFFBF739F)
YUV	142.7400, 8.0162, 42.3240
Hunter-Lab	50.8340, 29.9886, -6.4084

Details

The XYZ color **33.8746, 25.8410, 36.0033** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.9686, 43.0138, 34.2760**, and the grayscale version is **25.9659, 27.3181, 29.7494**.

A 20% lighter version of the original color is **65.2072, 53.0000, 70.4116**, and **14.7504, 10.0975, 15.3589** is the 20% darker color. If you saturate the color by 10%, you get **31.2427, 21.6578, 31.7940**, and if you desaturate by 10%, it is **37.0047, 30.9472, 40.6032**.

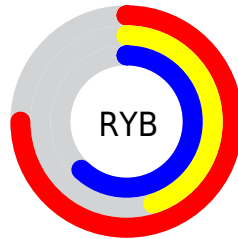
Distribution



Red (75%)

Green (45%)

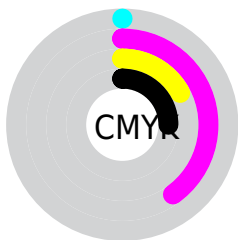
Blue (62%)



Red (75%)

Yellow (45%)

Blue (62%)

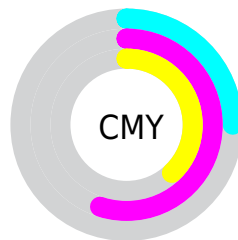


Cyan (0%)

Magenta (40%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8746, 25.8410, 36.0033 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 33.8746, 25.8410, 36.0033 by changing the saturation by 10% instead.

■ 33.8746, 25.8410,
36.0033

■ 33.8746, 25.8410,
36.0033

311.1683,
282.0007, 344.0128

■ 22.9597, 16.7047,
24.1470

■ 65.0842, 53.0183,
70.2063

■ 14.6843, 10.0242,
15.2295

■ 86.1096, 71.8282,
93.3900

■ 8.6830, 5.4150,
8.8322

■ 111.2359, 94.6313,
121.1867

■ 4.5904, 2.4928,
4.5366

140.8285,
121.8122, 154.0149

■ 2.0413, 0.8730,
1.9241

175.2527,
153.7552, 192.2930

■ 0.6570, 0.0000,
0.5080

214.8738,

■ 0.0000, 0.0000,

190.8447, 236.4397

0.0000

260.0572,
233.4650, 286.8734

■ 33.8746, 25.8410,
36.0033

■ 33.8746, 25.8410,
36.0033

■ 31.2427, 21.6578,
31.7940

■ 37.0047, 30.9472,
40.6032

■ 29.0778, 18.3375,
27.9600

■ 40.6571, 37.0245,
45.6052

■ 27.3485, 15.8185,
24.4867


■ 44.8573, 44.1219,
51.0220


■ 26.0184, 14.0295,
21.3574


■ 49.6281, 52.2840,
56.8650


■ 25.0446, 12.8863,
18.5534


■ 54.9911, 61.5528,
63.1454


 24.3457, 12.2273,
16.0425

 60.9669, 71.9680,
69.8737

 24.3319, 12.2148,
15.9918

 67.5748, 83.5673,
77.0599

 70.6114, 87.9426,
83.3064

 71.7241, 88.3877,
89.1660

Harmonies

Analogous

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



31.0117, 25.8410, 50.5380



33.8746, 25.8410, 36.0033



34.0553, 25.8410, 22.8351

Triad

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



33.8746, 25.8410, 36.0033



22.6326, 25.8410, 10.1668



18.7394, 25.8410, 48.8738

Complementary

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



33.8746, 25.8410, 36.0033



30.9686, 43.0138, 34.2760

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.



17.0191, 25.8410, 34.2007



33.8746, 25.8410, 36.0033



19.0734, 25.8410, 13.5806

Square

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



33.8746, 25.8410, 36.0033



27.1730, 25.8410, 10.3798



17.1333, 25.8410, 21.5081



22.1221, 25.8410, 59.3946

Rectangle

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



33.8746, 25.8410, 36.0033



32.5980, 25.8410, 16.5826



17.1333, 25.8410, 21.5081



17.9673, 25.8410, 44.0980

Sweetspot

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



33.8754, 25.8422, 36.0038



78.4407, 75.7982, 88.9812



27.5088, 22.1967, 52.1252



17.0010, 16.2653, 19.2537



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.



33.8754, 25.8422, 36.0038



56.4009, 39.4866, 57.6869



31.0892, 24.7278, 21.3323



9.7554, 9.6265, 11.1012



16.0314, 8.0437, 10.7250



0.6600, 0.3279, 0.5886

Inverse Universe

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



33.8754, 25.8422, 36.0038



56.4009, 39.4866, 57.6869



34.4237, 44.3958, 52.4702



9.7554, 9.6265, 11.1012



16.0314, 8.0437, 10.7250



0.6600, 0.3279, 0.5886

Previews

White Background



This preview shows how the XYZ color 33.8746, 25.8410, 36.0033 looks on a white background.

Color Contrast Check

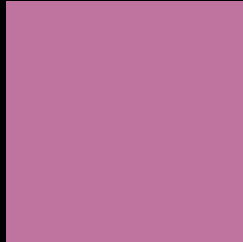
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8746, 25.8410, 36.0033 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 33.8746, 25.8410, 36.0033

Background



This preview shows how black text looks on a background with the XYZ color 33.8746, 25.8410, 36.0033.



This preview shows how white text looks on a background with the XYZ color 33.8746, 25.8410,

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

33.8746, 25.8410, 36.0033

Protanopia

26.1864, 26.0974, 44.2146

Deuteranopia

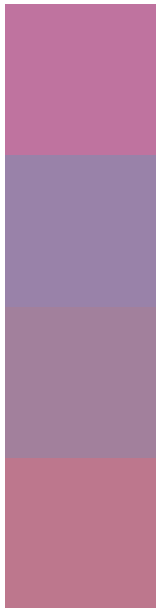
26.5746, 26.0859, 34.6448



Tritanopia

31.6057, 25.9778, 24.4675

Trichromacy



Original Color

33.8746, 25.8410, 36.0033

Protanomaly

28.2809, 25.6021, 40.9873

Deuteranomaly

28.6202, 25.5200, 34.8699

Tritanomaly

32.3908, 25.9356, 28.4982

Monochromacy



Original Color

33.8746, 25.8410, 36.0033

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.3095, 26.4186, 32.0410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8746, 25.8410, 36.0033 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(191, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 159)  
}
```

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(191, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 159) }
```

Border

The CSS property to change the border of an element to XYZ 33.8746, 25.8410, 36.0033 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(191, 115, 159) }
```


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

```
.border{ border-color:rgb(191, 115, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8746, 25.8410, 36.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 159) }
```

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

```
.background{ background-color: rgb(191,  
115, 159) }
```

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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