

Converting Colors

XYZ(33.1719, 25.3851, 31.6496)

Have a look what the booklet for
XYZ(33.1719, 25.3851, 31.6496)
contains.

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Color

**XYZ(33.1804, 25.4110,
31.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	C07295
RGB	192, 114, 149
RGB Percent	75%, 45%, 58%
CMY	0.2471, 0.5529, 0.4157
CMYK	0.00, 0.41, 0.22, 0.25
HSL	333°, 38%, 60%
HSV	333°, 41%, 75%
XYZ	33.1804, 25.4110, 31.5898
YIQ	141.3120, 35.2530, 27.4210

Conversions

Conversions Part 2

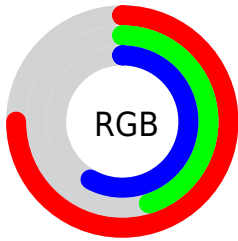
Format	Color
R _Y B	192, 114, 149
Decimal	12612245
CIE Lab	57.47, 35.36, -5.72
CIE LCh	57, 35.824, 350.808
Yxy	25.4110, 0.3679, 0.2818
Android (android.graphics.Color)	4290802325 (0xFFC07295)
YUV	141.3120, 3.7902, 44.4534
Hunter-Lab	50.4093, 29.2759, -1.8685

Details

The XYZ color **33.1804, 25.4110, 31.5898** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.8760, 43.7118, 38.6576**, and the grayscale version is **25.4164, 26.7400, 29.1199**.

A 20% lighter version of the original color is **64.0225, 52.2732, 63.2153**, and **14.3545, 9.8670, 12.7032** is the 20% darker color. If you saturate the color by 10%, you get **30.4306, 21.2029, 26.6915**, and if you desaturate by 10%, it is **36.4630, 30.5614, 37.0452**.

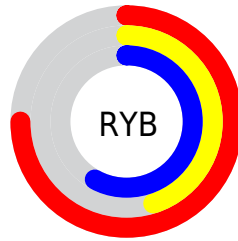
Distribution



Red (75%)

Green (45%)

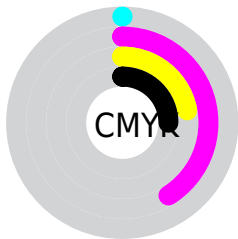
Blue (58%)



Red (75%)

Yellow (45%)

Blue (58%)

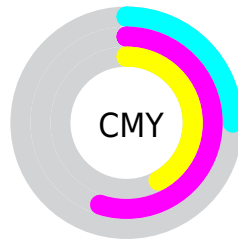


Cyan (0%)

Magenta (41%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1804, 25.4110, 31.5898 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 33.1804, 25.4110, 31.5898 by changing the saturation by 10% instead.


 33.1804, 25.4110,
31.5898


 33.1804, 25.4110,
31.5898


308.1125,
279.8786, 323.6813

 22.4246, 16.3835,
20.7862


 64.0099, 52.3232,
63.2579


 14.2876, 9.7960,
12.7781

 84.8142, 70.9767,
84.9594

 8.4040, 5.2639,
7.1470

 109.6988, 93.6077,
111.1306

 4.4085, 2.4029,
3.4743

 139.0290,
120.6006, 142.1901

 1.9357, 0.8274,
1.3416

173.1701,
152.3397, 178.5564

 0.5975, 0.0000,
0.0956

212.4874,

 0.0000, 0.0000,

189.2095, 220.6480

0.0000

257.3465,
231.5943, 268.8835

■ 33.1804, 25.4110,
31.5898

■ 33.1804, 25.4110,
31.5898

■ 30.4306, 21.2029,
26.6915

■ 36.4630, 30.5614,
37.0452

■ 28.1808, 17.8752,
22.3286

■ 40.3044, 36.7035,
43.0754

■ 26.3976, 15.3644,
18.4796


■ 44.7314, 43.8877,
49.6987


■ 25.0423, 13.5969,
15.1209


■ 49.7683, 52.1598,
56.9323


■ 24.0696, 12.4852,
12.2257


■ 55.4382, 61.5631,
64.7926

 23.4241, 11.8808,
9.8942

 61.7629, 72.1381,
73.2953

 68.7629, 83.9238,
82.4554

 72.3041, 88.6488,
90.9029

 73.8682, 89.2745,
99.1394

Harmonies

Analogous

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



31.0779, 25.4110, 45.3100



33.1804, 25.4110, 31.5898



32.6526, 25.4110, 20.1393

Triad

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



33.1804, 25.4110, 31.5898



21.3562, 25.4110, 11.0154



19.3345, 25.4110, 50.1394

Complementary

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



33.1804, 25.4110, 31.5898



31.8760, 43.7118, 38.6576

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.



17.2724, 25.4110, 36.8726



33.1804, 25.4110, 31.5898



18.3407, 25.4110, 15.3279

Square

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



33.1804, 25.4110, 31.5898



25.4854, 25.4110, 10.3632



16.9313, 25.4110, 24.0855



22.8667, 25.4110, 57.9106

Rectangle

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



33.1804, 25.4110, 31.5898



30.9024, 25.4110, 14.9883



16.9313, 25.4110, 24.0855



18.4647, 25.4110, 46.0184

Sweetspot

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



33.1811, 25.4122, 31.5903



79.7191, 77.3500, 88.0946



29.4180, 22.9998, 52.7585



16.8678, 16.2120, 18.5523



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.



33.1811, 25.4122, 31.5903



55.5200, 38.9941, 49.0688



31.2431, 25.3560, 19.1685



10.2568, 10.1513, 11.4430



15.7999, 8.0097, 6.8582



0.7173, 0.3599, 0.4789

Inverse Universe

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



33.1811, 25.4122, 31.5903



55.5200, 38.9941, 49.0688



34.4593, 43.3931, 56.4291



10.2568, 10.1513, 11.4430



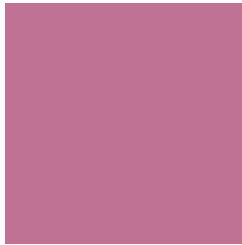
15.7999, 8.0097, 6.8582



0.7173, 0.3599, 0.4789

Previews

White Background



This preview shows how the XYZ color 33.1804, 25.4110, 31.5898 looks on a white background.

Color Contrast Check

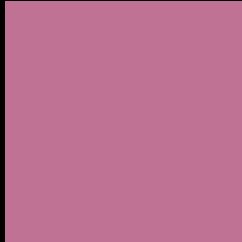
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1804, 25.4110, 31.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

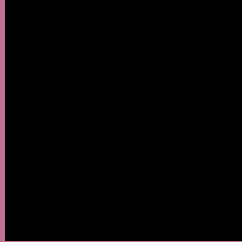
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1804, 25.4110, 31.5898

Background



This preview shows how black text looks on a background with the XYZ color 33.1804, 25.4110, 31.5898.



This preview shows how white text looks on a background with the XYZ color 33.1804, 25.4110,

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

33.1804, 25.4110, 31.5898

Protanopia

25.3194, 25.5582, 38.7207

Deuteranopia

26.0304, 25.4841, 30.3350



Tritanopia

31.5444, 25.4363, 23.3258

Trichromacy



Original Color

33.1804, 25.4110, 31.5898

Protanomaly

27.4347, 25.0737, 36.1946

Deuteranomaly

28.2947, 25.2534, 30.5772

Tritanomaly

32.2203, 25.5482, 26.1548

Monochromacy



Original Color

33.1804, 25.4110, 31.5898

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6475, 25.7198, 29.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1804, 25.4110, 31.5898 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(192, 114, 149)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 149)  
}
```

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(192, 114, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.1804, 25.4110, 31.5898 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(192, 114, 149) }
```


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

```
.border{ border-color:rgb(192, 114, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 149);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1804, 25.4110, 31.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 149) }
```

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

```
.background{ background-color: rgb(192,  
114, 149) }
```

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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