

Converting Colors

XYZ(33.1157, 24.3965, 31.8178)

Have a look what the booklet for
XYZ(33.1157, 24.3965, 31.8178)
contains.

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Color

**XYZ(33.1157, 24.3965,
31.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	C26C96
RGB	194, 108, 150
RGB Percent	76%, 42%, 59%
CMY	0.2392, 0.5764, 0.4118
CMYK	0.00, 0.44, 0.23, 0.24
HSL	331°, 41%, 59%
HSV	331°, 44%, 76%
XYZ	33.1157, 24.3965, 31.8178
YIQ	138.5020, 37.7740, 31.2940

Conversions

Conversions Part 2

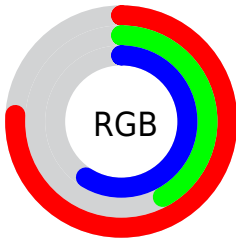
Format	Color
RYB	194, 108, 150
Decimal	12741782
CIELab	56.48, 39.41, -7.75
CIElCh	56, 40.161, 348.875
Yxy	24.3965, 0.3707, 0.2731
Android (android.graphics.Color)	4290931862 (0xFFC26C96)
YUV	138.5020, 5.6685, 48.6717
Hunter-Lab	49.3928, 33.2389, -3.6184

Details

The XYZ color **33.1157, 24.3965, 31.8178** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.1447, 44.0393, 36.5668**, and the grayscale version is **24.3189, 25.5854, 27.8625**.

A 20% lighter version of the original color is **63.7888, 50.5448, 63.5208**, and **14.1965, 9.2304, 12.8378** is the 20% darker color. If you saturate the color by 10%, you get **30.5270, 20.4443, 27.1770**, and if you desaturate by 10%, it is **36.2288, 29.2886, 36.9680**.

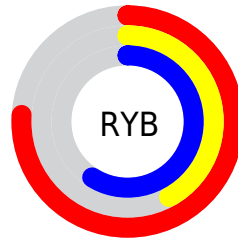
Distribution



Red (76%)

Green (42%)

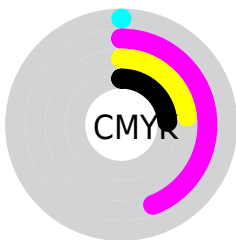
Blue (59%)



Red (76%)

Yellow (42%)

Blue (59%)

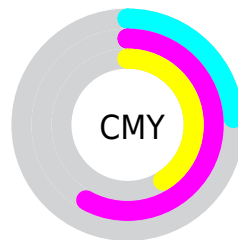


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1157, 24.3965, 31.8178 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 33.1157, 24.3965, 31.8178 by changing the saturation by 10% instead.

 33.1157, 24.3965,
31.8178


 33.1157, 24.3965,
31.8178


307.8265,
274.8190, 324.7555


 22.3748, 15.6280,
20.9587


 63.9096, 50.6765,
63.6199

 14.2507, 9.2613,
12.9029


 84.6932, 68.9567,
85.4001

 8.3781, 4.9120,
7.2318


 109.5552, 91.1763,
111.6576

 4.3916, 2.1957,
3.5268

 138.8608,
117.7198, 142.8111

 1.9260, 0.7177,
1.3695

172.9753,
148.9713, 179.2791

 0.5919, 0.0000,
0.1178

212.2642,

 0.0000, 0.0000,

185.3155, 221.4802

0.0000

257.0929,
227.1365, 269.8328

■ 33.1157, 24.3965,
31.8178

■ 33.1157, 24.3965,
31.8178

■ 30.5270, 20.4443,
27.1770

■ 36.2288, 29.2886,
36.9680

■ 28.4282, 17.3666,
23.0252

■ 39.8935, 35.1731,
42.6438

■ 26.7842, 15.0954,
19.3422


■ 44.1375, 42.1029,
48.8624

■ 25.5534, 13.5508,
16.1054


■ 48.9862, 50.1260,
55.6398


■ 24.6861, 12.6361,
13.2887


■ 54.4631, 59.2876,
62.9910

 24.3019, 12.2909,
11.8560

 60.5907, 69.6301,
70.9304

 67.3903, 81.1938,
79.4720

 72.2083, 88.6694,
87.7379

 73.6378, 89.2412,
95.2656

Harmonies

Analogous

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



30.5975, 24.3965, 47.2186



33.1157, 24.3965, 31.8178



32.7206, 24.3965, 19.1101

Triad

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



33.1157, 24.3965, 31.8178



20.4139, 24.3965, 8.9526



17.7900, 24.3965, 50.9022

Complementary

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



33.1157, 24.3965, 31.8178



31.1447, 44.0393, 36.5668

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.



15.7142, 24.3965, 35.7399



33.1157, 24.3965, 31.8178



17.0833, 24.3965, 13.0291

Square

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



33.1157, 24.3965, 31.8178



24.9567, 24.3965, 8.5257



15.4740, 24.3965, 21.9223



21.5052, 24.3965, 60.4494

Rectangle

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



33.1157, 24.3965, 31.8178



30.8698, 24.3965, 13.5141



15.4740, 24.3965, 21.9223



16.8999, 24.3965, 46.0973

Sweetspot

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



33.1164, 24.3977, 31.8183



80.8954, 77.8090, 89.8519



27.8638, 21.2009, 53.6627



17.3097, 16.3726, 19.0967



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.



33.1164, 24.3977, 31.8183



55.5143, 37.3508, 49.6263



30.3184, 23.2785, 17.0841



10.2736, 10.1580, 11.5312



16.0189, 8.0973, 8.0118



0.7270, 0.3638, 0.5295

Inverse Universe

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



33.1164, 24.3977, 31.8183



55.5143, 37.3508, 49.6263



35.2145, 45.6672, 57.9977



10.2736, 10.1580, 11.5312



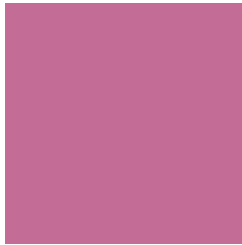
16.0189, 8.0973, 8.0118



0.7270, 0.3638, 0.5295

Previews

White Background



This preview shows how the XYZ color 33.1157, 24.3965, 31.8178 looks on a white background.

Color Contrast Check

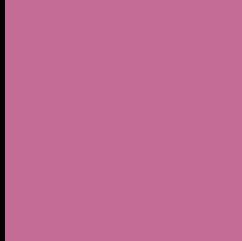
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1157, 24.3965, 31.8178 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 33.1157, 24.3965, 31.8178

Background



This preview shows how black text looks on a background with the XYZ color 33.1157, 24.3965, 31.8178.



This preview shows how white text looks on a background with the XYZ color 33.1157, 24.3965,

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

33.1157, 24.3965, 31.8178

Protanopia

24.5411, 24.7072, 40.0347

Deuteranopia

25.1166, 24.5976, 30.6182



Tritanopia

30.9038, 24.2918, 21.4723

Trichromacy



Original Color

33.1157, 24.3965, 31.8178

Protanomaly

26.7155, 23.9158, 36.9264

Deuteranomaly

27.4537, 24.0590, 30.8007

Tritanomaly

31.5875, 24.2413, 24.8440

Monochromacy



Original Color

33.1157, 24.3965, 31.8178

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.9752, 24.7924, 29.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1157, 24.3965, 31.8178 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(194, 108, 150)` looks like.

```
.text, #text, p{  
    color:rgb(194, 108, 150)  
}
```

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(194, 108, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 108, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.1157, 24.3965, 31.8178 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(194, 108, 150) }
```


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

```
.border{ border-color:rgb(194, 108, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 108, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 108, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 108, 150);  
box-shadow:4px 4px 4px 4px rgb(194, 108,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1157, 24.3965, 31.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 108, 150) }
```

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

```
.background{ background-color: rgb(194,  
108, 150) }
```

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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