

Converting Colors

XYZ(33.1826, 24.7602, 31.0601)

Have a look what the booklet for
XYZ(33.1826, 24.7602, 31.0601)
contains.

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Color

**XYZ(33.1694, 24.7593,
31.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	C26E94
RGB	194, 110, 148
RGB Percent	76%, 43%, 58%
CMY	0.2392, 0.5686, 0.4196
CMYK	0.00, 0.43, 0.24, 0.24
HSL	333°, 41%, 60%
HSV	333°, 43%, 76%
XYZ	33.1694, 24.7593, 31.0478
YIQ	139.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

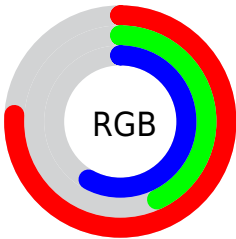
Format	Color
R_{YB}	194, 110, 148
Decimal	12742292
CIE Lab	56.84, 38.06, -6.05
CIE LCh	57, 38.534, 350.962
Yxy	24.7593, 0.3728, 0.2783
Android (android.graphics.Color)	4290932372 (0xFFC26E94)
YUV	139.4480, 4.2161, 47.8421
Hunter-Lab	49.7587, 31.9112, -2.1639

Details

The XYZ color **33.1694, 24.7593, 31.0478** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.7241, 44.2996, 38.3333**, and the grayscale version is **24.6880, 25.9737, 28.2854**.

A 20% lighter version of the original color is **63.9027, 51.1541, 62.3828**, and **14.2029, 9.3943, 12.3740** is the 20% darker color. If you saturate the color by 10%, you get **30.4981, 20.7012, 26.1970**, and if you desaturate by 10%, it is **36.3775, 29.7671, 36.4589**.

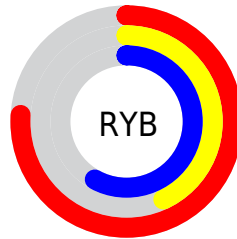
Distribution



Red (76%)

Green (43%)

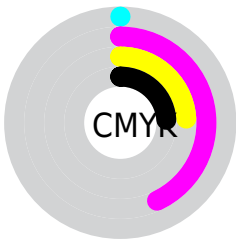
Blue (58%)



Red (76%)

Yellow (43%)

Blue (58%)

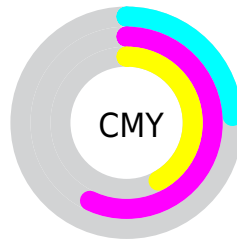


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1694, 24.7593, 31.0478 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 33.1694, 24.7593, 31.0478 by changing the saturation by 10% instead.


 33.1694, 24.7593,
31.0478


 33.1694, 24.7593,
31.0478


308.0639,
276.6371, 321.1165

 22.4161, 15.8978,
20.3765


 63.9928, 51.2665,
62.3958

 14.2813, 9.4519,
12.4822


 84.7937, 69.6809,
83.9095

 8.3996, 5.0371,
6.9465

 109.6744, 92.0485,
109.8745

 4.4056, 2.2690,
3.3507

 139.0004,
118.7536, 140.7092

 1.9341, 0.7572,
1.2764

173.1370,
150.1807, 176.8322

 0.5965, 0.0000,
0.0423

212.4495,

 0.0000, 0.0000,

186.7140, 218.6621

0.0000

257.3033,
228.7380, 266.6173

■ 33.1694, 24.7593,
31.0478

■ 33.1694, 24.7593,
31.0478

■ 30.4981, 20.7012,
26.1970

■ 36.3775, 29.7671,
36.4589

■ 28.3292, 17.5278,
21.8841

■ 40.1498, 35.7766,
42.4485

■ 26.6274, 15.1719,
18.0870


■ 44.5142, 42.8406,
49.0356


■ 25.3515, 13.5547,
14.7808


■ 49.4961, 51.0069,
56.2378


■ 24.4523, 12.5814,
11.9373


■ 55.1194, 60.3204,
64.0719

 23.9997, 12.1700,
10.2640

 61.4068, 70.8235,
72.5539

 68.3795, 82.5565,
81.6994

 72.7156, 88.8724,
90.4091

 74.2798, 89.4980,
98.6456

Harmonies

Analogous

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



30.9252, 24.7593, 45.8034



33.1694, 24.7593, 31.0478



32.5872, 24.7593, 19.0198

Triad

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



33.1694, 24.7593, 31.0478



20.5672, 24.7593, 9.7911



18.4865, 24.7593, 51.1923

Complementary

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



33.1694, 24.7593, 31.0478



31.7241, 44.2996, 38.3333

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.



16.3335, 24.7593, 36.8466



33.1694, 24.7593, 31.0478



17.4239, 24.7593, 14.1549

Square

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



33.1694, 24.7593, 31.0478



24.9205, 24.7593, 9.1275



15.9710, 24.7593, 23.2453



22.1979, 24.7593, 59.6426

Rectangle

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



33.1694, 24.7593, 31.0478



30.7014, 24.7593, 13.7435



15.9710, 24.7593, 23.2453



17.5775, 24.7593, 46.7184

Sweetspot

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



33.1701, 24.7605, 31.0483



80.7246, 77.7407, 88.9526



28.7939, 21.9971, 53.7675



17.2667, 16.3554, 18.8701



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.



33.1701, 24.7605, 31.0483



55.4621, 37.8152, 47.8547



30.9464, 24.3621, 17.8246



10.2584, 10.1520, 11.4511



15.8192, 8.0174, 6.9600



0.7182, 0.3603, 0.4835

Inverse Universe

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



33.1701, 24.7605, 31.0483



55.4621, 37.8152, 47.8547



34.8433, 44.5596, 57.8037



10.2584, 10.1520, 11.4511



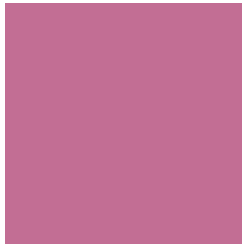
15.8192, 8.0174, 6.9600



0.7182, 0.3603, 0.4835

Previews

White Background



This preview shows how the XYZ color 33.1694, 24.7593, 31.0478 looks on a white background.

Color Contrast Check

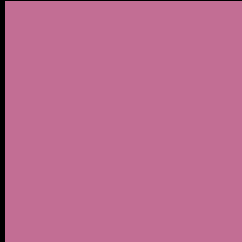
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1694, 24.7593, 31.0478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

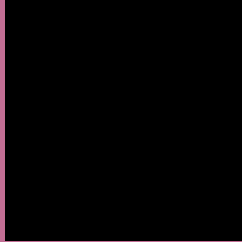
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1694, 24.7593, 31.0478

Background



This preview shows how black text looks on a background with the XYZ color 33.1694, 24.7593, 31.0478.



This preview shows how white text looks on a background with the XYZ color 33.1694, 24.7593,

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

33.1694, 24.7593, 31.0478

Protanopia

24.8651, 25.1139, 38.6589

Deuteranopia

25.4542, 24.9917, 29.8679



Tritanopia

31.4441, 24.8980, 21.8874

Trichromacy



Original Color

33.1694, 24.7593, 31.0478

Protanomaly

27.0874, 24.5174, 35.6524

Deuteranomaly

27.7543, 24.6041, 30.0743

Tritanomaly

32.0623, 24.8137, 24.9294

Monochromacy



Original Color

33.1694, 24.7593, 31.0478

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.8997, 24.7623, 28.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1694, 24.7593, 31.0478 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, 110, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 110, 148)  
}
```

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, 110, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 110, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.1694, 24.7593, 31.0478 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, 110, 148) }
```


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

```
.border{ border-color:rgb(194, 110, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 110, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 110, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 110, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 110,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1694, 24.7593, 31.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 110, 148) }
```

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

```
.background{ background-color: rgb(194,  
110, 148) }
```

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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