

Converting Colors

XYZ(33.3562, 26.1307, 31.1471)

Have a look what the booklet for
XYZ(33.3562, 26.1307, 31.1471)
contains.

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Color

**XYZ(33.3096, 26.1714,
31.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7694
RGB	191, 118, 148
RGB Percent	75%, 46%, 58%
CMY	0.2510, 0.5372, 0.4196
CMYK	0.00, 0.38, 0.23, 0.25
HSL	335°, 36%, 61%
HSV	335°, 38%, 75%
XYZ	33.3096, 26.1714, 31.3129
YIQ	143.2470, 33.8780, 24.8060

Conversions

Conversions Part 2

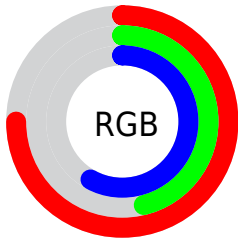
Format	Color
R_{YB}	191, 118, 148
Decimal	12547732
CIE _{Lab}	58.20, 32.69, -4.08
CIE _{LCh}	58, 32.946, 352.880
Yxy	26.1714, 0.3669, 0.2883
Android (android.graphics.Color)	4290737812 (0xFFBF7694)
YUV	143.2470, 2.3432, 41.8794
Hunter-Lab	51.1580, 26.6971, -0.4798

Details

The XYZ color **33.3096, 26.1714, 31.3129** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.5363, 43.6871, 40.4381**, and the grayscale version is **26.1893, 27.5531, 30.0054**.

A 20% lighter version of the original color is **64.2905, 53.5298, 62.8209**, and **14.3781, 10.2316, 12.5263** is the 20% darker color. If you saturate the color by 10%, you get **30.4362, 21.7811, 26.1727**, and if you desaturate by 10%, it is **36.7265, 31.5096, 37.0619**.

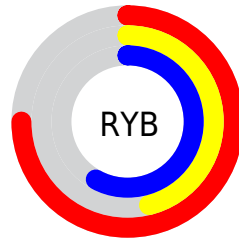
Distribution



Red (75%)

Green (46%)

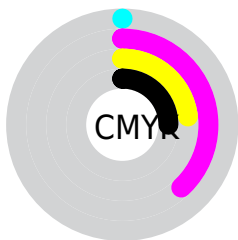
Blue (58%)



Red (75%)

Yellow (46%)

Blue (58%)

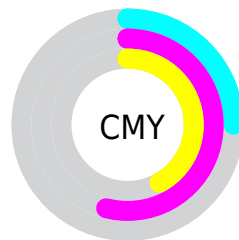


Cyan (0%)

Magenta (38%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3096, 26.1714, 31.3129 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 33.3096, 26.1714, 31.3129 by changing the saturation by 10% instead.

■ 33.3096, 26.1714,
31.3129

■ 33.3096, 26.1714,
31.3129

308.6829,
283.6225, 322.3730

■ 22.5241, 16.9519,
20.5768

■ 64.2100, 53.5513,
62.8177

■ 14.3613, 10.2002,
12.6268

■ 85.0557, 72.4806,
84.4235

■ 8.4557, 5.5319,
7.0444

■ 109.9854, 95.4151,
110.4895

■ 4.4422, 2.5626,
3.4110

139.3646,
122.7395, 141.4344

■ 1.9552, 0.9079,
1.3081

173.5586,
154.8380, 177.6766

■ 0.6086, 0.0000,
0.0684

212.9327,

■ 0.0000, 0.0000,

192.0951, 219.6348

0.0000

257.8524,
234.8951, 267.7274

■ 33.3096, 26.1714,
31.3129

■ 33.3096, 26.1714,
31.3129

■ 30.4362, 21.7811,
26.1727

■ 36.7265, 31.5096,
37.0619

■ 28.0739, 18.2787,
21.6177

■ 40.7123, 37.8437,
43.4392

■ 26.1903, 15.6030,
17.6246


■ 45.2936, 45.2226,
50.4648


■ 24.7479, 13.6836,
14.1675


■ 50.4944, 53.6912,
58.1578


■ 23.7032, 12.4380,
11.2181


■ 56.3375, 63.2916,
66.5360


 22.9891, 11.7368,
8.7389

 62.8445, 74.0636,
75.6168

 22.8786, 11.6335,
8.3392

 70.0360, 86.0452,
85.4168

 72.6803, 88.7702,
94.2016

 74.3859, 89.4524,
103.1833

Harmonies

Analogous

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



31.5222, 26.1714, 43.9544



33.3096, 26.1714, 31.3129



32.6512, 26.1714, 20.7646

Triad

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



33.3096, 26.1714, 31.3129



22.0043, 26.1714, 12.6444



20.5184, 26.1714, 49.9032

Complementary

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



33.3096, 26.1714, 31.3129



32.5363, 43.6871, 40.4381

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.



18.4435, 26.1714, 37.9421



33.3096, 26.1714, 31.3129



19.2351, 26.1714, 17.1678

Square

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



33.3096, 26.1714, 31.3129



25.8401, 26.1714, 11.7570



18.0002, 26.1714, 25.8537



23.9345, 26.1714, 56.4011

Rectangle

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



33.3096, 26.1714, 31.3129



30.9442, 26.1714, 15.9868



18.0002, 26.1714, 25.8537



19.6565, 26.1714, 46.2564

Sweetspot

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



33.3103, 26.1726, 31.3134



78.5810, 76.8863, 86.5389



30.4976, 24.2538, 52.3645



17.0040, 16.4776, 18.6192



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.



33.3103, 26.1726, 31.3134



55.2183, 40.0777, 48.1789



31.9750, 26.8219, 20.6330



9.6883, 9.5996, 10.7478



15.0734, 7.6605, 5.6802



0.6230, 0.3131, 0.3941

Inverse Universe

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



33.3103, 26.1726, 31.3134



55.2183, 40.0777, 48.1789



34.2076, 42.2769, 55.6478



9.6883, 9.5996, 10.7478



15.0734, 7.6605, 5.6802



0.6230, 0.3131, 0.3941

Previews

White Background



This preview shows how the XYZ color 33.3096, 26.1714, 31.3129 looks on a white background.

Color Contrast Check

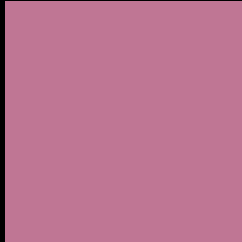
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3096, 26.1714, 31.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

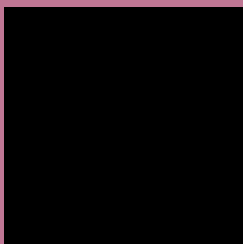
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3096, 26.1714, 31.3129

Background



This preview shows how black text looks on a background with the XYZ color 33.3096, 26.1714, 31.3129.



This preview shows how white text looks on a background with the XYZ color 33.3096, 26.1714,

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

33.3096, 26.1714, 31.3129

Protanopia

25.9822, 26.3568, 37.4362

Deuteranopia

26.8639, 26.3281, 30.4540



Tritanopia

31.8529, 26.1053, 24.4791

Trichromacy



Original Color

33.3096, 26.1714, 31.3129

Protanomaly

28.0217, 25.8010, 34.9557

Deuteranomaly

28.7644, 25.8828, 30.6740

Tritanomaly

32.4670, 26.1862, 27.0102

Monochromacy



Original Color

33.3096, 26.1714, 31.3129

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.1331, 26.5681, 30.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3096, 26.1714, 31.3129 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, 118, 148)` looks like.

```
.text, #text, p{  
    color:rgb(191, 118, 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(191, 118, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 118, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.3096, 26.1714, 31.3129 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, 118, 148) }
```


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

```
.border{ border-color:rgb(191, 118, 148) }
```

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

Here you see how a box with a 4 pixel rgb(191, 118, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 118, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 118, 148);  
box-shadow:4px 4px 4px 4px rgb(191, 118,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3096, 26.1714, 31.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 118, 148) }
```

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

```
.background{ background-color: rgb(191,  
118, 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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