

Converting Colors

XYZ(33.2501, 26.3231, 31.1699)

Have a look what the booklet for
XYZ(33.2501, 26.3231, 31.1699)
contains.

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Color

**XYZ(33.1773, 26.2789,
31.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7794
RGB	190, 119, 148
RGB Percent	75%, 47%, 58%
CMY	0.2549, 0.5333, 0.4196
CMYK	0.00, 0.37, 0.22, 0.25
HSL	335°, 35%, 61%
HSV	335°, 37%, 75%
XYZ	33.1773, 26.2789, 31.3407
YIQ	143.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

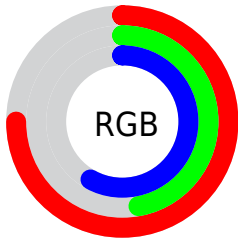
Format	Color
R _Y B	190, 119, 148
Decimal	12482452
CIE Lab	58.30, 31.79, -3.95
CIE LCh	58, 32.032, 352.921
Yxy	26.2789, 0.3654, 0.2894
Android (android.graphics.Color)	4290672532 (0xFFBE7794)
YUV	143.5350, 2.2012, 40.7498
Hunter-Lab	51.2629, 25.8148, -0.3641

Details

The XYZ color **33.1773, 26.2789, 31.3407** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.4553, 43.3227, 40.3717**, and the grayscale version is **26.3053, 27.6752, 30.1383**.

A 20% lighter version of the original color is **64.1246, 53.7258, 62.8675**, and **14.2775, 10.2702, 12.5391** is the 20% darker color. If you saturate the color by 10%, you get **30.2911, 21.8617, 26.2003**, and if you desaturate by 10%, it is **36.6034, 31.6371, 37.0880**.

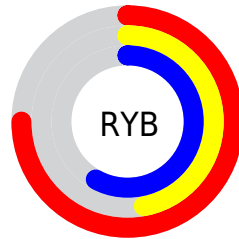
Distribution



Red (75%)

Green (47%)

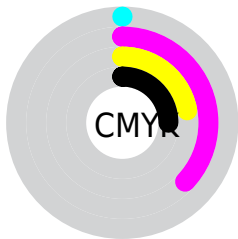
Blue (58%)



Red (75%)

Yellow (47%)

Blue (58%)

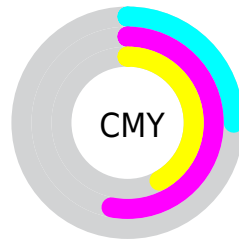


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1773, 26.2789, 31.3407 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 33.1773, 26.2789, 31.3407 by changing the saturation by 10% instead.

■ 33.1773, 26.2789,
31.3407

■ 33.1773, 26.2789,
31.3407

308.0988,
284.1485, 322.5045

■ 22.4222, 17.0324,
20.5978

■ 64.0051, 53.7245,
62.8619

■ 14.2858, 10.2576,
12.6419

■ 84.8084, 72.6925,
84.4773

■ 8.4027, 5.5701,
7.0546

■ 109.6919, 95.6697,
110.5539

■ 4.4077, 2.5855,
3.4173

139.0209,
123.0405, 141.5103

■ 1.9353, 0.9194,
1.3115

173.1607,
155.1895, 177.7651

■ 0.5972, 0.0000,
0.0712

212.4767,

■ 0.0000, 0.0000,

192.5008, 219.7366

0.0000

257.3343,
235.3590, 267.8436

■ 33.1773, 26.2789,
31.3407

■ 33.1773, 26.2789,
31.3407

■ 30.2911, 21.8617,
26.2003

■ 36.6034, 31.6371,
37.0880

■ 27.9131, 18.3268,
21.6432

■ 40.5944, 37.9833,
43.4611

■ 26.0114, 15.6143,
17.6464


■ 45.1763, 45.3657,
50.4803


■ 24.5496, 13.6554,
14.1845


■ 50.3728, 53.8281,
58.1642


■ 23.4851, 12.3699,
11.2294

■ 56.2063, 63.4121,
66.5306


 22.7584, 11.6433,
8.7464

 62.6981, 74.1569,
75.5967

 22.5961, 11.4915,
8.1599

 69.8684, 86.0996,
85.3789

 72.4163, 88.6356,
94.1198

 74.1193, 89.3168,
103.0877

Harmonies

Analogous

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



31.4463, 26.2789, 43.6029



33.1773, 26.2789, 31.3407



32.5355, 26.2789, 21.0416

Triad

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



33.1773, 26.2789, 31.3407



22.1707, 26.2789, 13.0476



20.7258, 26.2789, 49.3802

Complementary

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



33.1773, 26.2789, 31.3407



32.4553, 43.3227, 40.3717

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.



18.6909, 26.2789, 37.8130



33.1773, 26.2789, 31.3407



19.4626, 26.2789, 17.5253

Square

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



33.1773, 26.2789, 31.3407



25.9123, 26.2789, 12.1614



18.2537, 26.2789, 26.0488



24.0651, 26.2789, 55.6359

Rectangle

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



33.1773, 26.2789, 31.3407



30.8772, 26.2789, 16.3443



18.2537, 26.2789, 26.0488



19.8813, 26.2789, 45.8600

Sweetspot

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



33.1781, 26.2801, 31.3412



78.5714, 76.8824, 86.4882



30.4728, 24.4294, 51.8246



17.0017, 16.4766, 18.6069



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.



33.1781, 26.2801, 31.3412



55.6837, 40.8150, 48.9303



31.8890, 26.9265, 20.9709



9.6873, 9.5992, 10.7426



15.0620, 7.6559, 5.6200



0.6225, 0.3129, 0.3916

Inverse Universe

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



33.1781, 26.2801, 31.3412



55.6837, 40.8150, 48.9303



34.0607, 41.9559, 55.0185



9.6873, 9.5992, 10.7426



15.0620, 7.6559, 5.6200



0.6225, 0.3129, 0.3916

Previews

White Background



This preview shows how the XYZ color 33.1773, 26.2789, 31.3407 looks on a white background.

Color Contrast Check

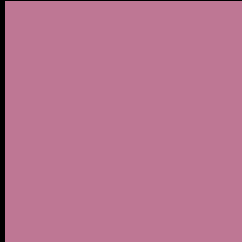
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1773, 26.2789, 31.3407 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 33.1773, 26.2789, 31.3407

Background



This preview shows how black text looks on a background with the XYZ color 33.1773, 26.2789, 31.3407.



This preview shows how white text looks on a background with the XYZ color 33.1773, 26.2789,

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

33.1773, 26.2789, 31.3407

Protanopia

25.9822, 26.3568, 37.4362

Deuteranopia

26.8639, 26.3281, 30.4540



Tritanopia

31.7953, 26.2491, 24.8635

Trichromacy



Original Color

33.1773, 26.2789, 31.3407

Protanomaly

27.9623, 25.9707, 34.9916

Deuteranomaly

28.8968, 26.1476, 30.7181

Tritanomaly

32.3390, 26.2997, 27.0388

Monochromacy



Original Color

33.1773, 26.2789, 31.3407

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4727, 26.9493, 30.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1773, 26.2789, 31.3407 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(190, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 119, 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(190, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 119, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.1773, 26.2789, 31.3407 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(190, 119, 148) }
```


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

```
.border{ border-color:rgb(190, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 119, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 119, 148); box-shadow:4px 4px 4px 4px rgb(190, 119, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1773, 26.2789, 31.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 119, 148) }
```

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

```
.background{ background-color: rgb(190,  
119, 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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