

Converting Colors

XYZ(33.6228, 26.3734, 38.5599)

Have a look what the booklet for
XYZ(33.6228, 26.3734, 38.5599)
contains.

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Color

**XYZ(33.5474, 26.3131,
38.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	BA77A4
RGB	186, 119, 164
RGB Percent	73%, 47%, 64%
CMY	0.2706, 0.5333, 0.3569
CMYK	0.00, 0.36, 0.12, 0.27
HSL	320°, 33%, 60%
HSV	320°, 36%, 73%
XYZ	33.5474, 26.3131, 38.4328
YIQ	144.1630, 25.4870, 28.1990

Conversions

Conversions Part 2

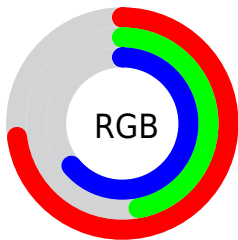
Format	Color
RYB	186, 119, 164
Decimal	12220324
CIELab	58.33, 32.95, -13.18
CIELCh	58, 35.492, 338.195
Yxy	26.3131, 0.3413, 0.2677
Android (android.graphics.Color)	4290410404 (0xFFBA77A4)
YUV	144.1630, 9.7796, 36.6910
Hunter-Lab	51.2963, 26.9692, -8.5145

Details

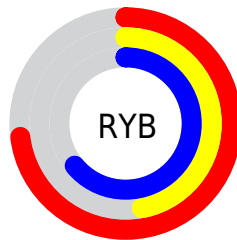
The XYZ color **33.5474, 26.3131, 38.4328** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.9755, 40.9637, 31.5280**, and the grayscale version is **26.5302, 27.9119, 30.3960**.

A 20% lighter version of the original color is **64.5009, 53.6742, 73.9784**, and **14.5685, 10.3316, 16.5556** is the 20% darker color. If you saturate the color by 10%, you get **31.0083, 22.0963, 34.9302**, and if you desaturate by 10%, it is **36.5478, 31.4093, 42.2205**.

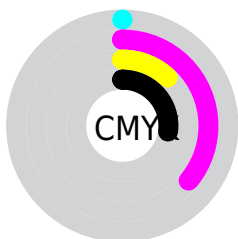
Distribution



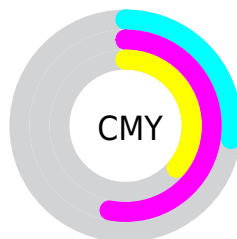
- Red (73%)
- Green (47%)
- Blue (64%)



- Red (73%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (27%)





- Cyan (27%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5474, 26.3131, 38.4328 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 33.5474, 26.3131, 38.4328 by changing the saturation by 10% instead.


 33.5474, 26.3131,
38.4328

 33.5474, 26.3131,
38.4328


309.7307,
284.3157, 354.8266


 22.7074, 17.0580,
26.0143


 64.5782, 53.7796,
73.9818

 14.4971, 10.2759,
16.6085


 85.4997, 72.7599,
97.9494

 8.5512, 5.5822,
9.7968


 110.5123, 95.7506,
126.6038

 4.5044, 2.5928,
5.1606

139.9815,
123.1362, 160.3635

 1.9912, 0.9230,
2.2814

174.2726,
155.3012, 199.6471

 0.6290, 0.0000,
0.7208

213.7509,

 0.0000, 0.0000,

192.6298, 244.8732

0.0000

258.7818,
235.5065, 296.4602

■ 33.5474, 26.3131,
38.4328

■ 33.5474, 26.3131,
38.4328

■ 31.0083, 22.0963,
34.9302

■ 36.5478, 31.4093,
42.2205

■ 28.9024, 18.7043,
31.7006

■ 40.0307, 37.4281,
46.3012

■ 27.2020, 16.0822,
28.7332

■ 44.0190, 44.4140,
50.6846

■ 25.8752, 14.1667,
26.0155

■ 48.5333, 52.4079,
55.3794

■ 24.8850, 12.8844,
23.5332

■ 53.5930, 61.4480,
60.3935

■ 24.1842, 12.1415,
21.2687

■ 59.2166, 71.5707,
65.7349

■ 23.9466, 11.9179,
20.4144

■ 65.4217, 82.8105,
71.4110

■ 68.0028, 86.7564,
76.0215

■ 68.7923, 87.0722,
80.1789

Harmonies

Analogous

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



30.5091, 26.3131, 51.7245



33.5474, 26.3131, 38.4328



34.1713, 26.3131, 25.3897

Triad

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



33.5474, 26.3131, 38.4328



23.8437, 26.3131, 10.9584



19.0300, 26.3131, 46.0332

Complementary

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



33.5474, 26.3131, 38.4328



29.9755, 40.9637, 31.5280

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.



17.6523, 26.3131, 32.1792



33.5474, 26.3131, 38.4328



20.2145, 26.3131, 13.7195

Square

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



33.5474, 26.3131, 38.4328



28.2258, 26.3131, 11.7458



18.0595, 26.3131, 20.6872



22.0479, 26.3131, 56.9201

Rectangle

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



33.5474, 26.3131, 38.4328



33.0734, 26.3131, 18.8115



18.0595, 26.3131, 20.6872



18.3765, 26.3131, 41.4326

Sweetspot

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



33.5482, 26.3143, 38.4333



75.9374, 73.7416, 87.6967



26.3127, 22.3345, 49.3790



16.5085, 15.8642, 19.0756



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.5482, 26.3143, 38.4333



57.1947, 41.6784, 64.7330



30.9635, 25.2804, 24.8226



9.2521, 9.1112, 10.6750



16.1461, 8.0322, 13.9219



0.5964, 0.2941, 0.6342

Inverse Universe

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



33.5482, 26.3143, 38.4333



57.1947, 41.6784, 64.7330



32.7800, 42.0855, 46.2961



9.2521, 9.1112, 10.6750



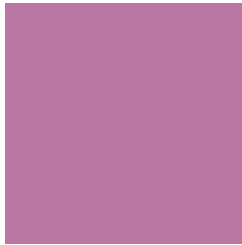
16.1461, 8.0322, 13.9219



0.5964, 0.2941, 0.6342

Previews

White Background



This preview shows how the XYZ color 33.5474, 26.3131, 38.4328 looks on a white background.

Color Contrast Check

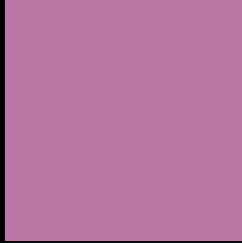
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5474, 26.3131, 38.4328 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 33.5474, 26.3131, 38.4328

Background



This preview shows how black text looks on a background with the XYZ color 33.5474, 26.3131, 38.4328.



This preview shows how white text looks on a background with the XYZ color 33.5474, 26.3131,

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

33.5474, 26.3131, 38.4328

Protanopia

26.6286, 26.5049, 45.8320

Deuteranopia

27.0557, 26.4843, 37.4042



Tritanopia

30.9281, 26.3335, 26.0071

Trichromacy



Original Color

33.5474, 26.3131, 38.4328

Protanomaly

28.5566, 26.0990, 43.0677

Deuteranomaly

29.0014, 26.0475, 37.6815

Tritanomaly

31.7222, 26.2775, 30.1882

Monochromacy



Original Color

33.5474, 26.3131, 38.4328

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.5480, 26.9332, 32.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5474, 26.3131, 38.4328 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(186, 119, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 164)  
}
```

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(186, 119, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 164) }
```

Border

The CSS property to change the border of an element to XYZ 33.5474, 26.3131, 38.4328 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(186, 119, 164) }
```


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

```
.border{ border-color:rgb(186, 119, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 119, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 164);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5474, 26.3131, 38.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 164) }
```

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

```
.background{ background-color: rgb(186,  
119, 164) }
```

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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