

Converting Colors

XYZ(30.0797, 26.3495, 32.7449)

Have a look what the booklet for
XYZ(30.0797, 26.3495, 32.7449)
contains.

XYZ(30.0997, 26.3306, 32.7741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.0997, 26.3306,
32.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8097
RGB	171, 128, 151
RGB Percent	67%, 50%, 59%
CMY	0.3294, 0.4980, 0.4078
CMYK	0.00, 0.25, 0.12, 0.33
HSL	328°, 20%, 59%
HSV	328°, 25%, 67%
XYZ	30.0997, 26.3306, 32.7741
YIQ	143.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

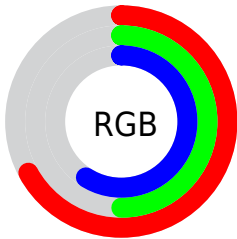
Format	Color
RYB	171, 128, 151
Decimal	11239575
CIELab	58.35, 20.34, -5.85
CIELCh	58, 21.161, 343.960
Yxy	26.3306, 0.3374, 0.2952
Android (android.graphics.Color)	4289429655 (0xFFAB8097)
YUV	143.4790, 3.7079, 24.1359
Hunter-Lab	51.3134, 14.9073, -1.9495

Details

The XYZ color **30.0997, 26.3306, 32.7741** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.8114, 35.8539, 33.4205**, and the grayscale version is **26.2811, 27.6497, 30.1106**.

A 20% lighter version of the original color is **59.2219, 53.7864, 65.0181**, and **12.4959, 10.2204, 13.3707** is the 20% darker color. If you saturate the color by 10%, you get **27.4302, 21.9905, 28.8041**, and if you desaturate by 10%, it is **33.1902, 31.4423, 37.1001**.

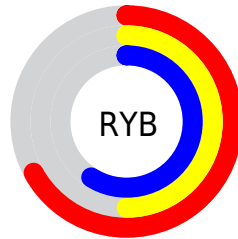
Distribution



Red (67%)

Green (50%)

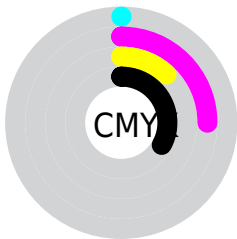
Blue (59%)



Red (67%)

Yellow (50%)

Blue (59%)

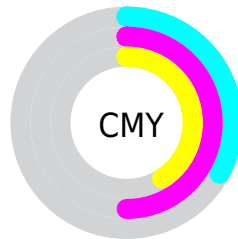


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0997, 26.3306, 32.7741 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 30.0997, 26.3306, 32.7741 by changing the saturation by 10% instead.


 30.0997, 26.3306,
32.7741


 30.0997, 26.3306,
32.7741


294.2704,
284.4012, 329.2313

 20.0627, 17.0711,
21.6837


 59.2054, 53.8078,
65.1346

 12.5492, 10.2852,
13.4286


 79.0048, 72.7943,
87.2419

 7.1937, 5.5885,
7.5902


 102.7890, 95.7920,
113.8585

 3.6309, 2.5965,
3.7499

130.9234,
123.1852, 145.4031

 1.4955, 0.9249,
1.4891

163.7734,
155.3583, 182.2941

 0.3228, 0.0000,
0.2098

201.7044,

 0.0000, 0.0000,

192.6958, 224.9501

0.0000

245.0816,
235.5819, 273.7897

■ 30.0997, 26.3306,
32.7741

■ 30.0997, 26.3306,
32.7741

■ 27.4302, 21.9905,
28.8041

■ 33.1902, 31.4423,
37.1001

■ 25.1598, 18.3805,
25.1777

■ 36.7178, 37.3573,
41.7906

■ 23.2678, 15.4603,
21.8839

■ 40.7004, 44.1101,
46.8560

■ 21.7308, 13.1847,
18.9106

■ 45.1543, 51.7318,
52.3054

■ 20.5227, 11.5027,
16.2442

■ 50.0949, 60.2522,
58.1479

■ 19.6132, 10.3555,
13.8700

■ 55.5371, 69.6995,
64.3920

■ 18.9652, 9.6704,
11.7705

■ 61.4947, 80.1006,
71.0461

■ 18.7030, 9.4213,
10.8347

■ 64.7735, 85.0655,
77.0487

■ 65.8185, 85.4835,
82.5518

Harmonies

Analogous

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



28.6279, 26.3306, 40.1520



30.0997, 26.3306, 32.7741



30.1524, 26.3306, 25.3789

Triad

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



30.0997, 26.3306, 32.7741



23.8494, 26.3306, 16.9805



21.6249, 26.3306, 39.6977

Complementary

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



30.0997, 26.3306, 32.7741



28.8114, 35.8539, 33.4205

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.



20.5171, 26.3306, 32.2330



30.0997, 26.3306, 32.7741



21.7405, 26.3306, 19.6159

Square

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



30.0997, 26.3306, 32.7741



26.4214, 26.3306, 17.0747



20.5579, 26.3306, 24.9228



23.6815, 26.3306, 44.5940

Rectangle

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



30.0997, 26.3306, 32.7741



29.3676, 26.3306, 21.4472



20.5579, 26.3306, 24.9228



21.1357, 26.3306, 37.3546

Sweetspot

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



30.1005, 26.3318, 32.7747



63.7813, 63.5745, 72.2567



27.1664, 24.6154, 41.8480



14.0122, 13.8225, 15.8342



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1005, 26.3318, 32.7747



51.2409, 42.8038, 54.7893



28.5541, 25.7132, 24.6314



8.1776, 8.0843, 9.2458



14.1260, 7.1129, 8.3089



0.4203, 0.2088, 0.3749

Inverse Universe

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



30.1005, 26.3318, 32.7747



51.2409, 42.8038, 54.7893



30.6132, 36.5747, 42.9090



8.1776, 8.0843, 9.2458



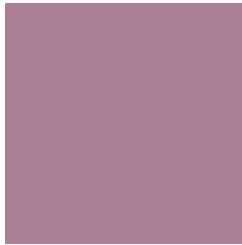
14.1260, 7.1129, 8.3089



0.4203, 0.2088, 0.3749

Previews

White Background



This preview shows how the XYZ color 30.0997, 26.3306, 32.7741 looks on a white background.

Color Contrast Check

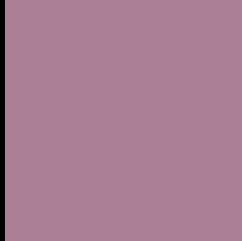
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0997, 26.3306, 32.7741 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 30.0997, 26.3306, 32.7741

Background



This preview shows how black text looks on a background with the XYZ color 30.0997, 26.3306, 32.7741.



This preview shows how white text looks on a background with the XYZ color 30.0997, 26.3306,

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

30.0997, 26.3306, 32.7741

Protanopia

26.0309, 26.6281, 36.1155

Deuteranopia

26.8067, 26.2623, 32.0900



Tritanopia

29.2938, 26.4048, 28.3636

Trichromacy



Original Color

30.0997, 26.3306, 32.7741

Protanomaly

27.2982, 26.4589, 34.6787

Deuteranomaly

27.9931, 26.2462, 32.4448

Tritanomaly

29.4619, 26.2602, 29.9015

Monochromacy



Original Color

30.0997, 26.3306, 32.7741

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4137, 27.0246, 30.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0997, 26.3306, 32.7741 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(171, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 151)  
}
```

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(171, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.0997, 26.3306, 32.7741 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(171, 128, 151) }
```


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

```
.border{ border-color:rgb(171, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 128, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 128, 151); box-shadow:4px 4px 4px 4px rgb(171, 128, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0997, 26.3306, 32.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 151) }
```

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

```
.background{ background-color: rgb(171,  
128, 151) }
```

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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