

Converting Colors

XYZ(33.4495, 26.7514, 38.4657)

Have a look what the booklet for
XYZ(33.4495, 26.7514, 38.4657)
contains.

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Color

**XYZ(33.4275, 26.7898,
38.5311)**

Conversions

Conversions Part 1

Format	Color
Hex	B87AA4
RGB	184, 122, 164
RGB Percent	72%, 48%, 64%
CMY	0.2784, 0.5215, 0.3569
CMYK	0.00, 0.34, 0.11, 0.28
HSL	319°, 30%, 60%
HSV	319°, 34%, 72%
XYZ	33.4275, 26.7898, 38.5311
YIQ	145.3260, 23.4700, 26.2060

Conversions

Conversions Part 2

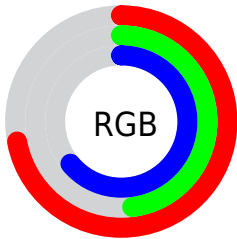
Format	Color
RYB	184, 122, 164
Decimal	12090020
CIELab	58.78, 30.61, -12.53
CIELCh	59, 33.075, 337.730
Yxy	26.7898, 0.3385, 0.2713
Android (android.graphics.Color)	4290280100 (0xFFB87AA4)
YUV	145.3260, 9.2063, 33.9171
Hunter-Lab	51.7589, 24.7029, -7.9063

Details

The XYZ color **33.4275, 26.7898, 38.5311** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.0501, 40.3722, 31.8018**, and the grayscale version is **27.0040, 28.4103, 30.9388**.

A 20% lighter version of the original color is **64.3918, 54.4752, 74.1388**, and **14.4479, 10.5504, 16.6042** is the 20% darker color. If you saturate the color by 10%, you get **30.8550, 22.4825, 35.0904**, and if you desaturate by 10%, it is **36.4543, 31.9650, 42.2473**.

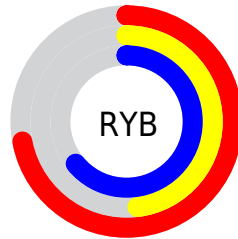
Distribution



Red (72%)

Green (48%)

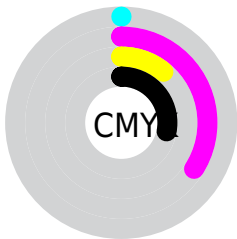
Blue (64%)



Red (72%)

Yellow (48%)

Blue (64%)

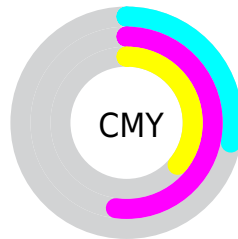


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4275, 26.7898, 38.5311 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 33.4275, 26.7898, 38.5311 by changing the saturation by 10% instead.

■ 33.4275, 26.7898,
38.5311

■ 33.4275, 26.7898,
38.5311

309.2027,
286.6379, 355.2591

■ 22.6149, 17.4154,
26.0901

■ 64.3926, 54.5464,
74.1339

■ 14.4286, 10.5311,
16.6647

■ 85.2759, 73.6974,
98.1328

■ 8.5030, 5.7525,
9.8363

■ 110.2467, 96.8760,
126.8214

■ 4.4730, 2.6952,
5.1864

139.6706,
124.4667, 160.6182

■ 1.9730, 0.9747,
2.2964

173.9127,
156.8539, 199.9419

■ 0.6187, 0.0000,
0.7292

213.3386,

■ 0.0000, 0.0000,

194.4218, 245.2109

0.0000

258.3135,
237.5551, 296.8438

■ 33.4275, 26.7898,
38.5311

■ 33.4275, 26.7898,
38.5311

■ 30.8550, 22.4825,
35.0904

■ 36.4543, 31.9650,
42.2473

■ 28.7100, 18.9909,
31.9137

■ 39.9557, 38.0492,
46.2465

■ 26.9662, 16.2629,
28.9908


■ 43.9536, 45.0852,
50.5378


■ 25.5935, 14.2386,
26.3100


■ 48.4677, 53.1121,
55.1296


■ 24.5572, 12.8494,
23.8580


■ 53.5168, 62.1668,
60.0294


 23.8157, 12.0126,
21.6189

 59.1185, 72.2841,
65.2447

 23.4461, 11.6619,
20.2977

 65.2898, 83.4975,
70.7827

 67.3463, 86.4380,
75.0835

 68.1068, 86.7422,
79.0879

Harmonies

Analogous

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



30.5672, 26.7898, 50.7709



33.4275, 26.7898, 38.5311



34.0469, 26.7898, 26.2530

Triad

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



33.4275, 26.7898, 38.5311



24.4230, 26.7898, 12.1000



19.7528, 26.7898, 45.1767

Complementary

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



33.4275, 26.7898, 38.5311



30.0501, 40.3722, 31.8018

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.



18.4585, 26.7898, 32.2945



33.4275, 26.7898, 38.5311



20.9610, 26.7898, 14.7732

Square

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



33.4275, 26.7898, 38.5311



28.5505, 26.7898, 12.9365



18.8760, 26.7898, 21.4622



22.6063, 26.7898, 55.2666

Rectangle

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



33.4275, 26.7898, 38.5311



33.0506, 26.7898, 19.9210



18.8760, 26.7898, 21.4622



19.1357, 26.7898, 40.9118

Sweetspot

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



33.4283, 26.7910, 38.5317



74.8810, 73.2706, 86.5156



26.7050, 23.0997, 48.3988



15.9310, 15.4238, 18.4206



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.4283, 26.7910, 38.5317



57.2595, 42.9569, 65.4456



30.9867, 25.8144, 25.6743



9.2543, 9.1121, 10.6867



16.1922, 8.0507, 14.1650



0.5978, 0.2946, 0.6415

Inverse Universe

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



33.4283, 26.7910, 38.5317



57.2595, 42.9569, 65.4456



32.6748, 41.4221, 45.6231



9.2543, 9.1121, 10.6867



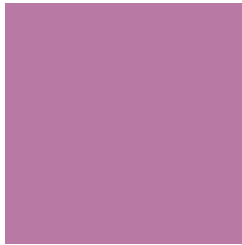
16.1922, 8.0507, 14.1650



0.5978, 0.2946, 0.6415

Previews

White Background



This preview shows how the XYZ color 33.4275, 26.7898, 38.5311 looks on a white background.

Color Contrast Check

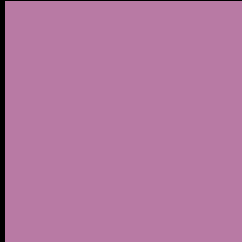
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4275, 26.7898, 38.5311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

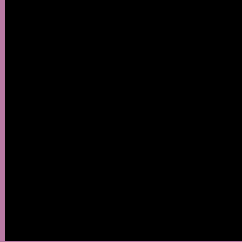
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.4275, 26.7898, 38.5311

Background



This preview shows how black text looks on a background with the XYZ color 33.4275, 26.7898, 38.5311.



This preview shows how white text looks on a background with the XYZ color 33.4275, 26.7898,

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

33.4275, 26.7898, 38.5311

Protanopia

26.8874, 26.8773, 44.8450

Deuteranopia

27.3756, 26.8612, 37.4601



Tritanopia

31.1608, 26.8086, 27.1991

Trichromacy



Original Color

33.4275, 26.7898, 38.5311

Protanomaly

28.7828, 26.4290, 42.6140

Deuteranomaly

29.2701, 26.5847, 37.7711

Tritanomaly

31.8915, 26.7189, 31.0802

Monochromacy



Original Color

33.4275, 26.7898, 38.5311

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9112, 27.5292, 33.4957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4275, 26.7898, 38.5311 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(184, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 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(184, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 164) }
```

Border

The CSS property to change the border of an element to XYZ 33.4275, 26.7898, 38.5311 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(184, 122, 164) }
```


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

```
.border{ border-color:rgb(184, 122, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4275, 26.7898, 38.5311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 164) }
```

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

```
.background{ background-color: rgb(184,  
122, 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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