

Converting Colors

XYZ(33.2299, 26.2819, 39.2778)

Have a look what the booklet for
XYZ(33.2299, 26.2819, 39.2778)
contains.

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Color

**XYZ(33.3666, 26.3765,
39.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	B878A6
RGB	184, 120, 166
RGB Percent	72%, 47%, 65%
CMY	0.2784, 0.5294, 0.3490
CMYK	0.00, 0.35, 0.10, 0.28
HSL	317°, 31%, 60%
HSV	317°, 35%, 72%
XYZ	33.3666, 26.3765, 39.4089
YIQ	144.3800, 23.3780, 27.8740

Conversions

Conversions Part 2

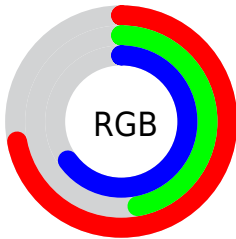
Format	Color
RYB	184, 120, 166
Decimal	12089510
CIELab	58.39, 32.06, -14.27
CIELCh	58, 35.091, 336.010
Yxy	26.3765, 0.3365, 0.2660
Android (android.graphics.Color)	4290279590 (0xFFB878A6)
YUV	144.3800, 10.6587, 34.7467
Hunter-Lab	51.3581, 26.0923, -9.5447

Details

The XYZ color **33.3666, 26.3765, 39.4089** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.4748, 40.1099, 30.2351**, and the grayscale version is **26.6149, 28.0010, 30.4931**.

A 20% lighter version of the original color is **64.2703, 53.8084, 75.4053**, and **14.4333, 10.3410, 17.1549** is the 20% darker color. If you saturate the color by 10%, you get **30.8976, 22.1827, 36.2907**, and if you desaturate by 10%, it is **36.2815, 31.4307, 42.7706**.

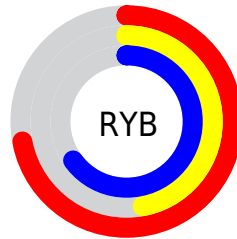
Distribution



Red (72%)

Green (47%)

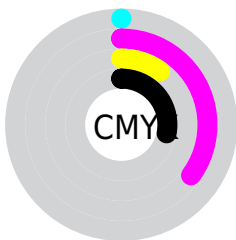
Blue (65%)



Red (72%)

Yellow (47%)

Blue (65%)

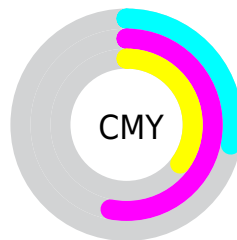


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (53%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3666, 26.3765, 39.4089 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 33.3666, 26.3765, 39.4089 by changing the saturation by 10% instead.


 33.3666, 26.3765,
39.4089


 33.3666, 26.3765,
39.4089


308.9343,
284.6254, 359.1036


 22.5680, 17.1055,
26.7677

 64.2983, 53.8817,
75.4898

 14.3938, 10.3097,
17.1679


 85.1622, 72.8847,
99.7665

 8.4786, 5.6048,
10.1911


 110.1118, 95.9005,
128.7589

 4.4570, 2.6063,
5.4186

139.5126,
123.3136, 162.8854

 1.9638, 0.9298,
2.4319

173.7298,
155.5082, 202.5646

 0.6135, 0.0000,
0.8037

213.1290,

 0.0000, 0.0000,

192.8687, 248.2150

0.0000

258.0754,
235.7797, 300.2551

■ 33.3666, 26.3765,
39.4089

■ 33.3666, 26.3765,
39.4089

■ 30.8976, 22.1827,
36.2907

■ 36.2815, 31.4307,
42.7706

■ 28.8474, 18.7967,
33.4049

■ 39.6627, 37.3869,
46.3828

■ 27.1898, 16.1659,
30.7421


■ 43.5319, 44.2881,
50.2541

■ 25.8942, 14.2298,
28.2909


■ 47.9092, 52.1735,
54.3922


■ 24.9255, 12.9183,
26.0385


■ 52.8130, 61.0803,
58.8043


 24.2412, 12.1468,
23.9694

 58.2612, 71.0435,
63.4973

 23.9492, 11.8632,
22.9460

 64.2707, 82.0966,
68.4779

 66.8393, 86.2352,
72.4130

 67.4843, 86.4932,
75.8093

Harmonies

Analogous

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



30.2271, 26.3765, 52.3183



33.3666, 26.3765, 39.4089



34.1786, 26.3765, 26.3215

Triad

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



33.3666, 26.3765, 39.4089



24.2181, 26.3765, 11.0770



18.9842, 26.3765, 44.9268

Complementary

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



33.3666, 26.3765, 39.4089



29.4748, 40.1099, 30.2351

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.



17.7432, 26.3765, 31.2589



33.3666, 26.3765, 39.4089



20.5357, 26.3765, 13.5604

Square

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



33.3666, 26.3765, 39.4089



28.5676, 26.3765, 12.1183



18.2772, 26.3765, 20.1622



21.8704, 26.3765, 56.0867

Rectangle

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



33.3666, 26.3765, 39.4089



33.2184, 26.3765, 19.5732



18.2772, 26.3765, 20.1622



18.3767, 26.3765, 40.3463

Sweetspot

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



33.3674, 26.3777, 39.4094



75.0221, 73.3271, 87.2587



25.6969, 22.2191, 48.2823



15.9654, 15.4375, 18.6018



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.



33.3674, 26.3777, 39.4094



56.8758, 41.6680, 66.9253



30.8532, 25.3720, 26.1696



9.2703, 9.1185, 10.7707



16.5368, 8.1885, 15.9794



0.6080, 0.2987, 0.6949

Inverse Universe

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



33.3674, 26.3777, 39.4094



56.8758, 41.6680, 66.9253



32.0549, 41.1419, 43.8215



9.2703, 9.1185, 10.7707



16.5368, 8.1885, 15.9794



0.6080, 0.2987, 0.6949

Previews

White Background



This preview shows how the XYZ color 33.3666, 26.3765, 39.4089 looks on a white background.

Color Contrast Check

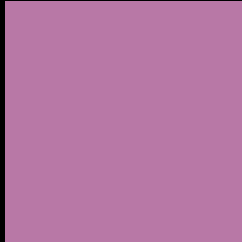
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3666, 26.3765, 39.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

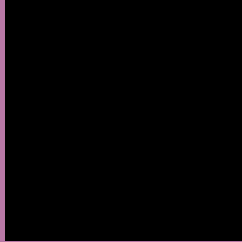
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3666, 26.3765, 39.4089

Background



This preview shows how black text looks on a background with the XYZ color 33.3666, 26.3765, 39.4089.



This preview shows how white text looks on a background with the XYZ color 33.3666, 26.3765,

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

33.3666, 26.3765, 39.4089

Protanopia

26.7294, 26.5452, 46.3628

Deuteranopia

27.0581, 26.4650, 38.3325



Tritanopia

30.6564, 26.3743, 26.3966

Trichromacy



Original Color

33.3666, 26.3765, 39.4089

Protanomaly

28.4689, 26.0426, 43.5706

Deuteranomaly

29.1152, 26.2839, 38.6607

Tritanomaly

31.4520, 26.3144, 30.6156

Monochromacy



Original Color

33.3666, 26.3765, 39.4089

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.6295, 26.9659, 33.4018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3666, 26.3765, 39.4089 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, 120, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 166)  
}
```

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, 120, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 166) }
```

Border

The CSS property to change the border of an element to XYZ 33.3666, 26.3765, 39.4089 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, 120, 166) }
```


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

```
.border{ border-color:rgb(184, 120, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3666, 26.3765, 39.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 166) }
```

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

```
.background{ background-color: rgb(184,  
120, 166) }
```

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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