

Converting Colors

XYZ(33.1917, 26.1708, 36.5598)

Have a look what the booklet for
XYZ(33.1917, 26.1708, 36.5598)
contains.

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Color

**XYZ(33.1917, 26.1708,
36.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	BA77A0
RGB	186, 119, 160
RGB Percent	73%, 47%, 63%
CMY	0.2706, 0.5333, 0.3725
CMYK	0.00, 0.36, 0.14, 0.27
HSL	323°, 33%, 60%
HSV	323°, 36%, 73%
XYZ	33.1917, 26.1708, 36.5598
YIQ	143.7070, 26.7710, 26.9550

Conversions

Conversions Part 2

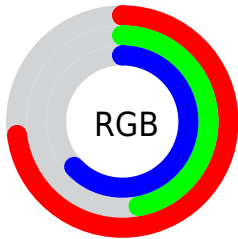
Format	Color
R _Y B	186, 119, 160
Decimal	12220320
CIE Lab	58.20, 32.28, -11.08
CIE LCh	58, 34.127, 341.054
Yxy	26.1708, 0.3460, 0.2728
Android (android.graphics.Color)	4290410400 (0xFFBA77A0)
YUV	143.7070, 8.0324, 37.0910
Hunter-Lab	51.1574, 26.2881, -6.5616

Details

The XYZ color **33.1917, 26.1708, 36.5598** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.2786, 41.0849, 33.1242**, and the grayscale version is **26.3533, 27.7258, 30.1934**.

A 20% lighter version of the original color is **63.9804, 53.4660, 71.2378**, and **14.4042, 10.2659, 15.6903** is the 20% darker color. If you saturate the color by 10%, you get **30.5778, 21.9240, 32.6630**, and if you desaturate by 10%, it is **36.2771, 31.3010, 40.7952**.

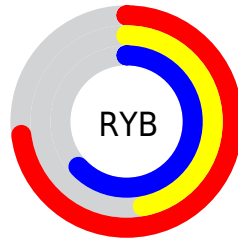
Distribution



Red (73%)

Green (47%)

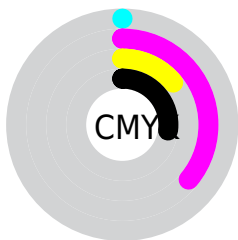
Blue (63%)



Red (73%)

Yellow (47%)

Blue (63%)

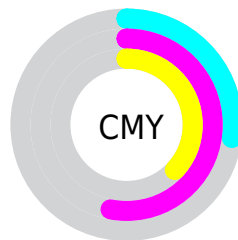


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1917, 26.1708, 36.5598 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 33.1917, 26.1708, 36.5598 by changing the saturation by 10% instead.

■ 33.1917, 26.1708,
36.5598

■ 33.1917, 26.1708,
36.5598

308.1624,
283.6195, 346.5119

■ 22.4333, 16.9515,
24.5737

■ 64.0274, 53.5504,
71.0740

■ 14.2940, 10.1999,
15.5436

■ 84.8354, 72.4794,
94.4392

■ 8.4085, 5.5317,
9.0510

■ 109.7239, 95.4137,
122.4345

■ 4.4114, 2.5625,
4.6772

139.0583,
122.7378, 155.4785

■ 1.9374, 0.9078,
2.0037

173.2040,
154.8361, 193.9897

■ 0.5984, 0.0000,
0.5576

212.5264,

■ 0.0000, 0.0000,

192.0928, 238.3866

0.0000

257.3907,
234.8925, 289.0878

■ 33.1917, 26.1708,
36.5598

■ 33.1917, 26.1708,
36.5598

■ 30.5778, 21.9240,
32.6630

■ 36.2771, 31.3010,
40.7952

■ 28.4069, 18.5061,
29.0915

■ 39.8554, 37.3580,
45.3786

■ 26.6513, 15.8619,
25.8332

■ 43.9498, 44.3864,
50.3207

■ 25.2786, 13.9281,
22.8741

■ 48.5811, 52.4270,
55.6314

■ 24.2517, 12.6311,
20.1985

■ 53.7689, 61.5183,
61.3201

■ 23.5230, 11.8770,
17.7871

■ 59.5319, 71.6968,
67.3955

■ 23.2768, 11.6500,
16.8870

■ 65.8879, 82.9969,
73.8663

■ 68.6318, 87.0079,
79.3335

■ 69.5958, 87.3936,
84.4103

Harmonies

Analogous

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



30.4794, 26.1708, 49.3842



33.1917, 26.1708, 36.5598



33.5367, 26.1708, 24.3430

Triad

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



33.1917, 26.1708, 36.5598



23.3789, 26.1708, 11.4622



19.3400, 26.1708, 46.2505

Complementary

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



33.1917, 26.1708, 36.5598



30.2786, 41.0849, 33.1242

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.



17.8493, 26.1708, 33.0954



33.1917, 26.1708, 36.5598



20.0028, 26.1708, 14.5259

Square

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



33.1917, 26.1708, 36.5598



27.5506, 26.1708, 11.9106



18.0777, 26.1708, 21.7140



22.3777, 26.1708, 55.9651

Rectangle

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



33.1917, 26.1708, 36.5598



32.3388, 26.1708, 18.2764



18.0777, 26.1708, 21.7140



18.6575, 26.1708, 41.9524

Sweetspot

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



33.1925, 26.1720, 36.5603



75.7105, 73.6508, 86.5015



27.0822, 22.7312, 49.4150



16.4528, 15.8420, 18.7823



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.



33.1925, 26.1720, 36.5603



56.4440, 41.3781, 60.7801



30.6663, 25.1615, 23.2578



9.2292, 9.1021, 10.5546



15.6973, 7.8527, 11.5588



0.5827, 0.2886, 0.5621

Inverse Universe

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



33.1925, 26.1720, 36.5603



56.4440, 41.3781, 60.7801



33.2219, 42.2622, 48.6231



9.2292, 9.1021, 10.5546



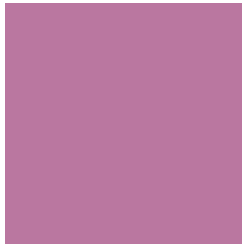
15.6973, 7.8527, 11.5588



0.5827, 0.2886, 0.5621

Previews

White Background



This preview shows how the XYZ color 33.1917, 26.1708, 36.5598 looks on a white background.

Color Contrast Check

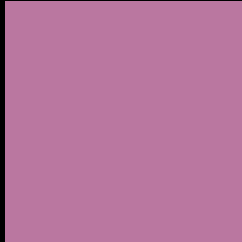
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1917, 26.1708, 36.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

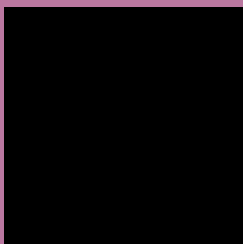
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1917, 26.1708, 36.5598

Background



This preview shows how black text looks on a background with the XYZ color 33.1917, 26.1708, 36.5598.



This preview shows how white text looks on a background with the XYZ color 33.1917, 26.1708,

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

33.1917, 26.1708, 36.5598

Protanopia

26.2912, 26.3879, 43.2428

Deuteranopia

26.8855, 26.4366, 35.5840



Tritanopia

30.9697, 26.1760, 25.6105

Trichromacy



Original Color

33.1917, 26.1708, 36.5598

Protanomaly

28.2680, 26.0051, 40.5754

Deuteranomaly

28.8521, 26.0110, 35.8477

Tritanomaly

31.6846, 26.0926, 29.3530

Monochromacy



Original Color

33.1917, 26.1708, 36.5598

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4671, 26.9009, 32.5462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1917, 26.1708, 36.5598 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.1917, 26.1708, 36.5598 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, 160) }
```


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

```
.border{ border-color:rgb(186, 119, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 119, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 119, 160); box-shadow:4px 4px 4px 4px rgb(186, 119, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1917, 26.1708, 36.5598 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, 160) }
```

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

```
.background{ background-color: rgb(186,  
119, 160) }
```

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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