

Converting Colors

XYZ(33.1471, 26.5170, 36.4305)

Have a look what the booklet for
XYZ(33.1471, 26.5170, 36.4305)
contains.

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Color

**XYZ(33.1901, 26.5271,
36.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	B979A0
RGB	185, 121, 160
RGB Percent	73%, 47%, 63%
CMY	0.2745, 0.5255, 0.3725
CMYK	0.00, 0.35, 0.14, 0.27
HSL	323°, 31%, 60%
HSV	323°, 35%, 73%
XYZ	33.1901, 26.5271, 36.6286
YIQ	144.5820, 25.6250, 25.6970

Conversions

Conversions Part 2

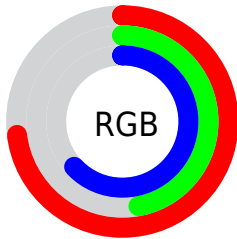
Format	Color
RYB	185, 121, 160
Decimal	12155296
CIELab	58.53, 30.83, -10.59
CIELCh	59, 32.596, 341.042
Yxy	26.5271, 0.3445, 0.2753
Android (android.graphics.Color)	4290345376 (0xFFB979A0)
YUV	144.5820, 7.6011, 35.4466
Hunter-Lab	51.5045, 24.8947, -6.1123

Details

The XYZ color **33.1901, 26.5271, 36.6286** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.4236, 40.8389, 33.4752**, and the grayscale version is **26.7078, 28.0987, 30.5995**.

A 20% lighter version of the original color is **64.0197, 54.0556, 71.3496**, and **14.3736, 10.4359, 15.7248** is the 20% darker color. If you saturate the color by 10%, you get **30.5399, 22.2090, 32.7162**, and if you desaturate by 10%, it is **36.3097, 31.7245, 40.8794**.

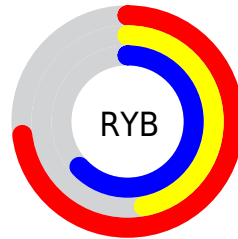
Distribution



Red (73%)

Green (47%)

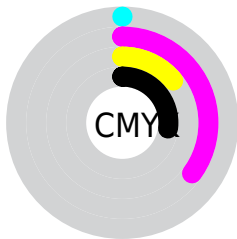
Blue (63%)



Red (73%)

Yellow (47%)

Blue (63%)

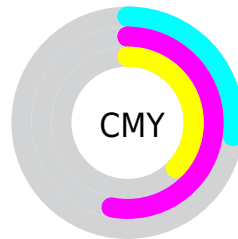


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1901, 26.5271, 36.6286 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 33.1901, 26.5271, 36.6286 by changing the saturation by 10% instead.

■ 33.1901, 26.5271,
36.6286

■ 33.1901, 26.5271,
36.6286

308.1553,
285.3601, 346.8199

■ 22.4320, 17.2184,
24.6265

■ 64.0249, 54.1241,
71.1811

■ 14.2931, 10.3903,
15.5825

■ 84.8324, 73.1811,
94.5687

■ 8.4079, 5.6585,
9.0781

■ 109.7203, 96.2564,
122.5885

■ 4.4110, 2.6386,
4.6946

139.0542,
123.7343, 155.6590

■ 1.9372, 0.9461,
2.0137

173.1992,
155.9992, 194.1989

■ 0.5983, 0.0000,
0.5637

212.5209,

■ 0.0000, 0.0000,

193.4356, 238.6267

0.0000

257.3845,
236.4277, 289.3608

■ 33.1901, 26.5271,
36.6286

■ 33.1901, 26.5271,
36.6286

■ 30.5399, 22.2090,
32.7162

■ 36.3097, 31.7245,
40.8794

■ 28.3315, 18.7169,
29.1291

■ 39.9198, 37.8435,
45.4777

■ 26.5377, 15.9974,
25.8554


■ 44.0429, 44.9276,
50.4343


■ 25.1274, 13.9889,
22.8814


■ 48.6993, 53.0169,
55.7588


■ 24.0646, 12.6208,
20.1920


■ 53.9085, 62.1490,
61.4603


 23.3060, 11.8074,
17.7691

 59.6885, 72.3595,
67.5477

 22.9732, 11.5006,
16.5523

 66.0570, 83.6825,
74.0295

 68.3987, 86.8867,
79.3699

 69.3643, 87.2730,
84.4550

Harmonies

Analogous

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



30.5955, 26.5271, 48.8344



33.1901, 26.5271, 36.6286



33.5206, 26.5271, 24.8752

Triad

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



33.1901, 26.5271, 36.6286



23.7717, 26.5271, 12.2362



19.8566, 26.5271, 45.8521

Complementary

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



33.1901, 26.5271, 36.6286



30.4236, 40.8389, 33.4752

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.



18.4060, 26.5271, 33.3008



33.1901, 26.5271, 36.6286



20.5024, 26.5271, 15.2754

Square

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



33.1901, 26.5271, 36.6286



27.7896, 26.5271, 12.6846



18.6293, 26.5271, 22.3152



22.8012, 26.5271, 55.0556

Rectangle

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



33.1901, 26.5271, 36.6286



32.3768, 26.5271, 18.9675



18.6293, 26.5271, 22.3152



19.1929, 26.5271, 41.7643

Sweetspot

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



33.1909, 26.5283, 36.6291



74.6504, 73.1784, 85.3010



27.3668, 23.2473, 48.9441



15.8748, 15.4013, 18.1249



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.



33.1909, 26.5283, 36.6291



55.5386, 41.1331, 59.8840



30.7730, 25.5612, 23.8968



9.2283, 9.1017, 10.5494



15.6792, 7.8454, 11.4632



0.5822, 0.2883, 0.5591

Inverse Universe

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



33.1909, 26.5283, 36.6291



55.5386, 41.1331, 59.8840



33.2241, 41.9591, 48.2226



9.2283, 9.1017, 10.5494



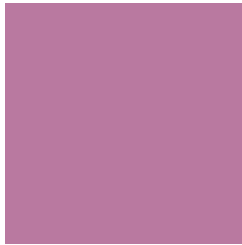
15.6792, 7.8454, 11.4632



0.5822, 0.2883, 0.5591

Previews

White Background



This preview shows how the XYZ color 33.1901, 26.5271, 36.6286 looks on a white background.

Color Contrast Check

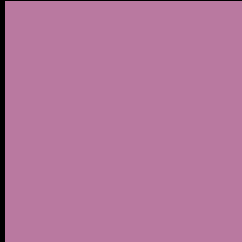
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1901, 26.5271, 36.6286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

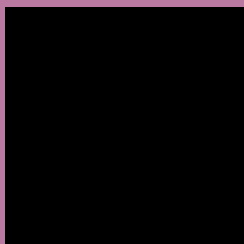
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1901, 26.5271, 36.6286

Background



This preview shows how black text looks on a background with the XYZ color 33.1901, 26.5271, 36.6286.



This preview shows how white text looks on a background with the XYZ color 33.1901, 26.5271,

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

33.1901, 26.5271, 36.6286

Protanopia

26.7524, 26.8416, 43.3061

Deuteranopia

27.0641, 26.5287, 35.5924



Tritanopia

31.1254, 26.6161, 26.4186

Trichromacy



Original Color

33.1901, 26.5271, 36.6286

Protanomaly

28.5923, 26.3745, 40.6296

Deuteranomaly

28.9858, 26.2783, 35.8923

Tritanomaly

31.7701, 26.4962, 29.8254

Monochromacy



Original Color

33.1901, 26.5271, 36.6286

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.8064, 27.2839, 32.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1901, 26.5271, 36.6286 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(185, 121, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 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(185, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.1901, 26.5271, 36.6286 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(185, 121, 160) }
```


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

```
.border{ border-color:rgb(185, 121, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1901, 26.5271, 36.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 160) }
```

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

```
.background{ background-color: rgb(185,  
121, 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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