

Converting Colors

XYZ(30.5344, 26.6546, 33.5402)

Have a look what the booklet for
XYZ(30.5344, 26.6546, 33.5402)
contains.

XYZ(30.6133, 26.7711, 33.6908)	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(30.6133, 26.7711,
33.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8199
RGB	172, 129, 153
RGB Percent	67%, 51%, 60%
CMY	0.3255, 0.4941, 0.4000
CMYK	0.00, 0.25, 0.11, 0.33
HSL	327°, 21%, 59%
HSV	327°, 25%, 67%
XYZ	30.6133, 26.7711, 33.6908
YIQ	144.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

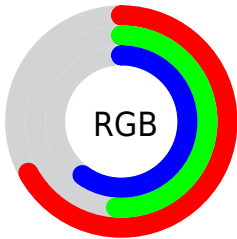
Format	Color
RYB	172, 129, 153
Decimal	11305369
CIELab	58.76, 20.49, -6.37
CIELCh	59, 21.456, 342.718
Yxy	26.7711, 0.3361, 0.2939
Android (android.graphics.Color)	4289495449 (0xFFAC8199)
YUV	144.5930, 4.1447, 24.0359
Hunter-Lab	51.7408, 15.0661, -2.3879

Details

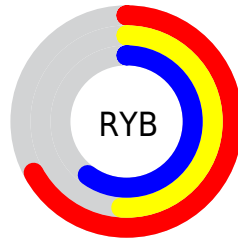
The XYZ color **30.6133, 26.7711, 33.6908** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1522, 36.3111, 33.4910**, and the grayscale version is **26.7280, 28.1199, 30.6226**.

A 20% lighter version of the original color is **59.9853, 54.4549, 66.3808**, and **12.8020, 10.4732, 13.9172** is the 20% darker color. If you saturate the color by 10%, you get **27.9278, 22.3726, 29.7965**, and if you desaturate by 10%, it is **33.7218, 31.9507, 37.9240**.

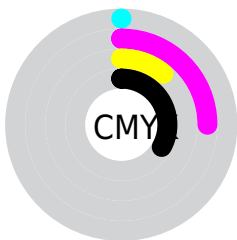
Distribution



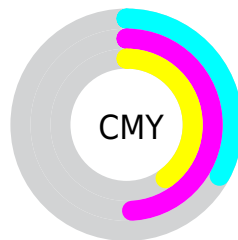
- Red (67%)
- Green (51%)
- Blue (60%)



- Red (67%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6133, 26.7711, 33.6908 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 30.6133, 26.7711, 33.6908 by changing the saturation by 10% instead.


 30.6133, 26.7711,
33.6908


 30.6133, 26.7711,
33.6908


296.6116,
286.5471, 333.4781


 20.4549, 17.4014,
22.3807


 60.0107, 54.5163,
66.5809

 12.8364, 10.5211,
13.9359


 79.9805, 73.6607,
88.9981

 7.3922, 5.7458,
7.9379


 103.9515, 96.8320,
115.9547

 3.7571, 2.6911,
3.9680

132.2890,
124.4146, 147.8692

 1.5656, 0.9727,
1.6078

165.3584,
156.7931, 185.1603

 0.3698, 0.0000,
0.2964

203.5251,

 0.0000, 0.0000,

194.3517, 228.2465

0.0000

247.1544,
237.4749, 277.5462

■ 30.6133, 26.7711,
33.6908

■ 30.6133, 26.7711,
33.6908

■ 27.9278, 22.3726,
29.7965

■ 33.7218, 31.9507,
37.9240

■ 25.6430, 18.7132,
26.2292

■ 37.2693, 37.9437,
42.5041

■ 23.7383, 15.7523,
22.9785

■ 41.2740, 44.7846,
47.4410

■ 22.1900, 13.4439,
20.0327

■ 45.7522, 52.5053,
52.7433

■ 20.9718, 11.7365,
17.3789

■ 50.7195, 61.1357,
58.4197

■ 20.0533, 10.5708,
15.0031

■ 56.1907, 70.7045,
64.4783

■ 19.3972, 9.8737,
12.8884

■ 62.1799, 81.2388,
70.9268

■ 19.1245, 9.6152,
11.9129

■ 64.8863, 85.1359,
76.5015

■ 65.8788, 85.5329,
81.7283

Harmonies

Analogous

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



29.0512, 26.7711, 41.2047



30.6133, 26.7711, 33.6908



30.7320, 26.7711, 26.0606

Triad

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



30.6133, 26.7711, 33.6908



24.3425, 26.7711, 17.1310



21.8907, 26.7711, 40.1809

Complementary

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



30.6133, 26.7711, 33.6908



29.1522, 36.3111, 33.4910

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.



20.8023, 26.7711, 32.4726



30.6133, 26.7711, 33.6908



22.1506, 26.7711, 19.7094

Square

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



30.6133, 26.7711, 33.6908



26.9851, 26.7711, 17.3423



20.8940, 26.7711, 25.0352



23.9649, 26.7711, 45.3742

Rectangle

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



30.6133, 26.7711, 33.6908



29.9653, 26.7711, 21.9682



20.8940, 26.7711, 25.0352



21.4040, 26.7711, 37.7458

Sweetspot

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



30.6141, 26.7723, 33.6914



66.1737, 66.3949, 75.2866



27.4443, 24.9422, 42.3980



14.2994, 14.2907, 16.2573



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.



30.6141, 26.7723, 33.6914



52.7461, 43.9767, 57.1318



29.0203, 26.1348, 25.2984



8.1853, 8.0874, 9.2867



14.2596, 7.1664, 9.0124



0.4236, 0.2101, 0.3926

Inverse Universe

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



30.6141, 26.7723, 33.6914



52.7461, 43.9767, 57.1318



30.9806, 37.0424, 43.1193



8.1853, 8.0874, 9.2867



14.2596, 7.1664, 9.0124



0.4236, 0.2101, 0.3926

Previews

White Background



This preview shows how the XYZ color 30.6133, 26.7711, 33.6908 looks on a white background.

Color Contrast Check

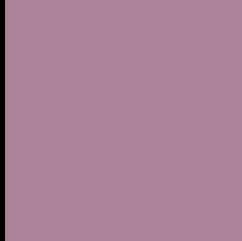
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6133, 26.7711, 33.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

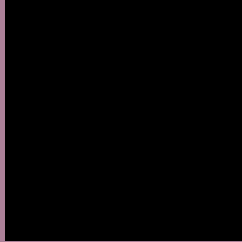
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6133, 26.7711, 33.6908

Background



This preview shows how black text looks on a background with the XYZ color 30.6133, 26.7711, 33.6908.



This preview shows how white text looks on a background with the XYZ color 30.6133, 26.7711,

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

30.6133, 26.7711, 33.6908

Protanopia

26.5175, 27.0768, 37.0864

Deuteranopia

27.4369, 26.9906, 33.0418



Tritanopia

29.7186, 26.8136, 28.8085

Trichromacy



Original Color

30.6133, 26.7711, 33.6908

Protanomaly

27.7940, 26.9050, 35.6266

Deuteranomaly

28.6295, 26.9659, 33.4018

Tritanomaly

29.8881, 26.6675, 30.3601

Monochromacy



Original Color

30.6133, 26.7711, 33.6908

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.0955, 27.5719, 31.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6133, 26.7711, 33.6908 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(172, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 153)  
}
```

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(172, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.6133, 26.7711, 33.6908 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(172, 129, 153) }
```


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

```
.border{ border-color:rgb(172, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6133, 26.7711, 33.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 153) }
```

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

```
.background{ background-color: rgb(172,  
129, 153) }
```

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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