

Converting Colors

XYZ(33.4906, 31.7462, 26.6548)

Have a look what the booklet for
XYZ(33.4906, 31.7462, 26.6548)
contains.

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Color

**XYZ(33.4151, 31.7680,
26.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	B59185
RGB	181, 145, 133
RGB Percent	71%, 57%, 52%
CMY	0.2902, 0.4314, 0.4784
CMYK	0.00, 0.20, 0.27, 0.29
HSL	15°, 24%, 62%
HSV	15°, 27%, 71%
XYZ	33.4151, 31.7680, 26.5610
YIQ	154.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

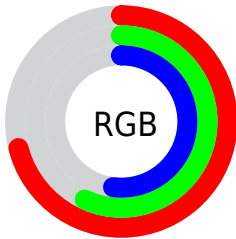
Format	Color
R_{YB}	181, 149, 133
Decimal	11899269
CIE _{Lab}	63.15, 11.72, 11.50
CIE _{LCh}	63, 16.422, 44.454
Yxy	31.7680, 0.3642, 0.3463
Android (android.graphics.Color)	4290089349 (0xFFB59185)
YUV	154.3960, -10.5482, 23.3317
Hunter-Lab	56.3631, 7.1890, 11.5139

Details

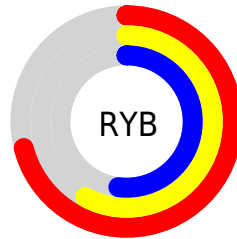
The XYZ color **33.4151, 31.7680, 26.5610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.2010, 36.6977, 49.1024**, and the grayscale version is **30.9270, 32.5377, 35.4335**.

A 20% lighter version of the original color is **64.5462, 62.5692, 55.1295**, and **14.3164, 13.1420, 9.9657** is the 20% darker color. If you saturate the color by 10%, you get **30.3192, 27.4079, 19.8821**, and if you desaturate by 10%, it is **36.9760, 36.7129, 34.4587**.

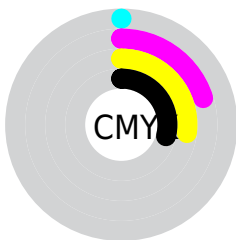
Distribution



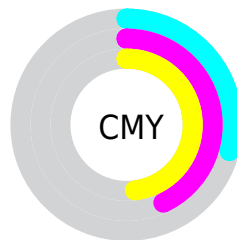
- Red (71%)
- Green (57%)
- Blue (52%)



- Red (71%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4151, 31.7680, 26.5610 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 33.4151, 31.7680, 26.5610 by changing the saturation by 10% instead.

■ 33.4151, 31.7680,
26.5610

■ 33.4151, 31.7680,
26.5610

309.1481,
310.0611, 299.2179

■ 22.6054, 21.1844,
17.0143

■ 64.3734, 62.4472,
55.1738

■ 14.4215, 13.2588,
10.0826

■ 85.2527, 83.3116,
75.0769

■ 8.4981, 7.6070,
5.3474

■ 110.2193,
108.3716, 99.2692

■ 4.4697, 3.8445,
2.3902

139.6384,
138.0117, 128.1693

■ 1.9712, 1.5870,
0.7811

173.8755,
172.6164, 162.1956

■ 0.6177, 0.3488,
0.0000

213.2959,

■ 0.0000, 0.0000,

212.5699, 201.7668

0.0000

258.2650,
258.2566, 247.3014

■ 33.4151, 31.7680,
26.5610

■ 33.4151, 31.7680,
26.5610

■ 30.3192, 27.4079,
19.8821

■ 36.9760, 36.7129,
34.4587

■ 27.6662, 23.6064,
14.3590

■ 41.0179, 42.2588,
43.6302

■ 25.4355, 20.3418,
9.9260

■ 45.5592, 48.4269,
54.1291

■ 23.6040, 17.5891,
6.5097

■ 50.6165, 55.2357,
66.0057

■ 22.1465, 15.3214,
4.0279

■ 56.2055, 62.7032,
79.3076

■ 21.0340, 13.5090,
2.3851

■ 62.3413, 70.8467,
94.0799

■ 20.2308, 12.1178,
1.4536

■ 68.2722, 79.3760,
106.3305

■ 20.0046, 11.7207,
1.2080

■ 72.4193, 87.6701,
107.7129

■ 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



34.6166, 31.7680, 31.5659



33.4151, 31.7680, 26.5610



31.3783, 31.7680, 23.9003

Triad

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



33.4151, 31.7680, 26.5610



26.1856, 31.7680, 31.3499



31.2959, 31.7680, 48.1459

Complementary

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



33.4151, 31.7680, 26.5610



32.2010, 36.6977, 49.1024

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.



29.0409, 31.7680, 48.0691



33.4151, 31.7680, 26.5610



26.1661, 31.7680, 37.8013

Square

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



33.4151, 31.7680, 26.5610



27.2427, 31.7680, 26.4200



27.1878, 31.7680, 44.0929



33.3522, 31.7680, 44.2912

Rectangle

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



33.4151, 31.7680, 26.5610



29.8572, 31.7680, 23.5742



27.1878, 31.7680, 44.0929



30.5344, 31.7680, 48.5929

Sweetspot

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



33.4159, 31.7695, 26.5617



72.2333, 74.0060, 75.3294



34.6053, 29.4638, 41.3996



15.3715, 15.6660, 15.7324



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.4159, 31.7695, 26.5617



56.4134, 52.0766, 40.1201



37.4779, 39.8934, 27.9156



8.6633, 8.8392, 8.9021



13.8384, 8.1753, 0.8486



0.4826, 0.3515, 0.0424

Inverse Universe

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



32.2010, 36.6977, 49.1024



53.8521, 62.4230, 87.5051



28.1391, 28.5740, 47.7485



8.5591, 9.2645, 10.8434



11.8508, 14.5019, 32.3115



0.4159, 0.5423, 1.0310

Previews

White Background



This preview shows how the XYZ color 33.4151, 31.7680, 26.5610 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.4151, 31.7680, 26.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

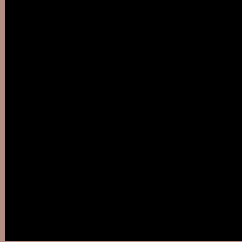
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4151, 31.7680, 26.5610

Background



This preview shows how black text looks on a background with the XYZ color 33.4151, 31.7680, 26.5610.



This preview shows how white text looks on a background with the XYZ color 33.4151, 31.7680,

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

33.4151, 31.7680, 26.5610

Protanopia

30.4038, 32.0622, 28.2531

Deuteranopia

32.3466, 31.6749, 26.5993



Tritanopia

34.9512, 31.7132, 34.4161

Trichromacy



Original Color

33.4151, 31.7680, 26.5610

Protanomaly

31.4987, 31.9151, 27.7926

Deuteranomaly

32.6440, 31.5983, 26.5689

Tritanomaly

34.3022, 31.6653, 31.4982

Monochromacy



Original Color

33.4151, 31.7680, 26.5610

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5648, 32.1011, 31.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4151, 31.7680, 26.5610 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(181, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 133)  
}
```

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(181, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.4151, 31.7680, 26.5610 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(181, 145, 133) }
```


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

```
.border{ border-color:rgb(181, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4151, 31.7680, 26.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 133) }
```

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

```
.background{ background-color: rgb(181,  
145, 133) }
```

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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