

Converting Colors

XYZ(31.3551, 28.1122, 26.6960)

Have a look what the booklet for
XYZ(31.3551, 28.1122, 26.6960)
contains.

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Color

**XYZ(31.3511, 28.1080,
26.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	B38587
RGB	179, 133, 135
RGB Percent	70%, 52%, 53%
CMY	0.2980, 0.4784, 0.4706
CMYK	0.00, 0.26, 0.25, 0.30
HSL	357°, 23%, 61%
HSV	357°, 26%, 70%
XYZ	31.3511, 28.1080, 26.6947
YIQ	146.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

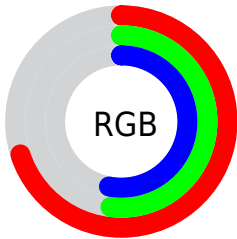
Format	Color
RYB	179, 133, 135
Decimal	11765127
CIELab	59.99, 17.94, 5.84
CIElCh	60, 18.867, 18.017
Yxy	28.1080, 0.3639, 0.3263
Android (android.graphics.Color)	4289955207 (0xFFB38587)
YUV	146.9820, -5.9071, 28.0798
Hunter-Lab	53.0170, 12.7746, 7.2586

Details

The XYZ color **31.3511, 28.1080, 26.6947** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7299, 40.4017, 47.6175**, and the grayscale version is **27.7422, 29.1870, 31.7846**.

A 20% lighter version of the original color is **61.2281, 56.5815, 55.2712**, and **13.1904, 11.2024, 10.0614** is the 20% darker color. If you saturate the color by 10%, you get **27.9959, 23.1741, 20.0991**, and if you desaturate by 10%, it is **35.3194, 33.9573, 34.4519**.

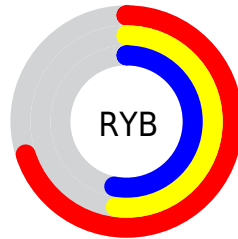
Distribution



Red (70%)

Green (52%)

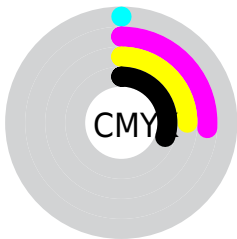
Blue (53%)



Red (70%)

Yellow (52%)

Blue (53%)

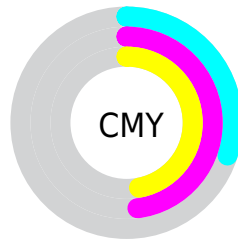


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3511, 28.1080, 26.6947 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 31.3511, 28.1080, 26.6947 by changing the saturation by 10% instead.

■ 31.3511, 28.1080,
26.6947

■ 31.3511, 28.1080,
26.6947

299.9507,
292.9826, 299.8891

■ 21.0195, 18.4071,
17.1137

■ 61.1645, 56.6568,
55.3913

■ 13.2508, 11.2426,
10.1527

■ 81.3770, 76.2735,
75.3440

■ 7.6797, 6.2303,
5.3934

■ 105.6139, 99.9643,
99.5910

■ 3.9407, 2.9856,
2.4172

134.2404,
128.1135, 128.5508

■ 1.6687, 1.1242,
0.7958

167.6220,
161.1055, 162.6420

■ 0.4365, 0.0000,
0.0000

206.1240,

■ 0.0000, 0.0000,

199.3248, 202.2830

0.0000

250.1118,
243.1557, 247.8926

■ 31.3511, 28.1080,
26.6947

■ 31.3511, 28.1080,
26.6947

■ 27.9959, 23.1741,
20.0991

■ 35.3194, 33.9573,
34.4519

■ 25.2211, 19.1057,
14.6076

■ 39.9268, 40.7608,
43.4211

■ 22.9943, 15.8541,
10.1603


■ 45.2005, 48.5601,
53.6516


■ 21.2793, 13.3639,
6.6912


■ 51.1657, 57.3928,
65.1897

■ 20.0354, 11.5734,
4.1265


■ 57.8460, 67.2948,
78.0791

 19.2155, 10.4108,
2.3820

 65.2641, 78.3001,
92.3617

 18.7613, 9.7859,
1.3572

 72.3783, 88.3149,
107.7231

 18.6331, 9.6008,
1.0942

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



31.4912, 28.1080, 33.4329



31.3511, 28.1080, 26.6947



29.9245, 28.1080, 21.7909

Triad

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



31.3511, 28.1080, 26.6947



23.4288, 28.1080, 22.5850



25.7687, 28.1080, 45.4464

Complementary

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



31.3511, 28.1080, 26.6947



33.7299, 40.4017, 47.6175

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.



23.7451, 28.1080, 41.5231



31.3511, 28.1080, 26.6947



22.4493, 28.1080, 27.9409

Square

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



31.3511, 28.1080, 26.6947



25.3131, 28.1080, 19.6744



22.5615, 28.1080, 34.8793



28.1694, 28.1080, 44.9792

Rectangle

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



31.3511, 28.1080, 26.6947



28.4816, 28.1080, 19.9084



22.5615, 28.1080, 34.8793



25.0246, 28.1080, 44.5758

Sweetspot

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



31.3519, 28.1093, 26.6953



69.3865, 69.8675, 73.6426



34.5882, 29.3429, 46.4888



15.0920, 15.0646, 15.7696



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.



31.3519, 28.1093, 26.6953



52.5177, 44.9984, 40.6794



34.3310, 34.2905, 27.0012



8.5108, 8.5110, 8.9224



13.1733, 6.7869, 0.8064



0.4194, 0.2155, 0.0513

Inverse Universe

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



31.3519, 28.1093, 26.6953



52.5177, 44.9984, 40.6794



30.0887, 32.7985, 47.3929



8.5108, 8.5110, 8.9224



13.1733, 6.7869, 0.8064



0.4194, 0.2155, 0.0513

Previews

White Background



This preview shows how the XYZ color 31.3511, 28.1080, 26.6947 looks on a white background.

Color Contrast Check

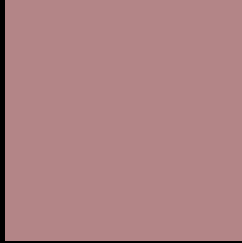
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3511, 28.1080, 26.6947 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 31.3511, 28.1080, 26.6947

Background



This preview shows how black text looks on a background with the XYZ color 31.3511, 28.1080, 26.6947.



This preview shows how white text looks on a background with the XYZ color 31.3511, 28.1080,

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

31.3511, 28.1080, 26.6947

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

28.7854, 28.2639, 26.4926



Tritanopia

31.9561, 28.1588, 29.3421

Trichromacy



Original Color

31.3511, 28.1080, 26.6947

Protanomaly

28.3364, 27.9912, 28.3354

Deuteranomaly

29.6109, 28.0476, 26.4073

Tritanomaly

31.7339, 28.0699, 28.1716

Monochromacy



Original Color

31.3511, 28.1080, 26.6947

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.9290, 28.7001, 30.0016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3511, 28.1080, 26.6947 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(179, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(179, 133, 135)  
}
```

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(179, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.3511, 28.1080, 26.6947 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(179, 133, 135) }
```


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

```
.border{ border-color:rgb(179, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(179, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3511, 28.1080, 26.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 133, 135) }
```

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

```
.background{ background-color: rgb(179,  
133, 135) }
```

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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