

Converting Colors

XYZ(31.4146, 26.7918, 30.7602)

Have a look what the booklet for
XYZ(31.4146, 26.7918, 30.7602)
contains.

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Color

**XYZ(31.3681, 26.8378,
30.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	B37F92
RGB	179, 127, 146
RGB Percent	70%, 50%, 57%
CMY	0.2980, 0.5019, 0.4274
CMYK	0.00, 0.29, 0.18, 0.30
HSL	338°, 25%, 60%
HSV	338°, 29%, 70%
XYZ	31.3681, 26.8378, 30.7211
YIQ	144.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

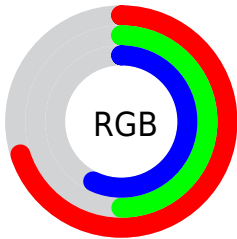
Format	Color
RYB	179, 127, 146
Decimal	11763602
CIELab	58.82, 23.01, -2.17
CIELCh	59, 23.116, 354.614
Yxy	26.8378, 0.3527, 0.3018
Android (android.graphics.Color)	4289953682 (0xFFB37F92)
YUV	144.7140, 0.6340, 30.0688
Hunter-Lab	51.8052, 17.4228, 1.1040

Details

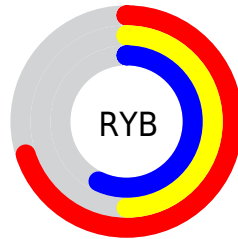
The XYZ color **31.3681, 26.8378, 30.7211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2188, 39.2910, 39.1981**, and the grayscale version is **26.7887, 28.1838, 30.6922**.

A 20% lighter version of the original color is **61.0075, 54.4748, 61.9428**, and **13.2226, 10.5123, 12.3985** is the 20% darker color. If you saturate the color by 10%, you get **28.4182, 22.2825, 25.5924**, and if you desaturate by 10%, it is **34.8181, 32.2521, 36.4504**.

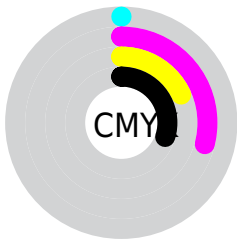
Distribution



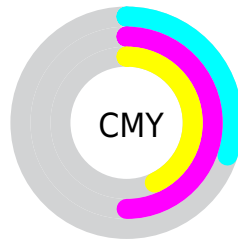
- Red (70%)
- Green (50%)
- Blue (57%)



- Red (70%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (30%)



- Cyan (30%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3681, 26.8378, 30.7211 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 31.3681, 26.8378, 30.7211 by changing the saturation by 10% instead.

■ 31.3681, 26.8378,
30.7211

■ 31.3681, 26.8378,
30.7211

300.0273,
286.8709, 319.5627

■ 21.0325, 17.4514,
20.1299

■ 61.1911, 54.6235,
61.8751

■ 13.2604, 10.5569,
12.3045

■ 81.4091, 73.7916,
83.2750

■ 7.6863, 5.7697,
6.8263

■ 105.6521, 96.9891,
109.1149

■ 3.9450, 2.7056,
3.2769

134.2852,
124.6003, 139.8132

■ 1.6711, 0.9800,
1.2377

167.6740,
157.0097, 175.7887

■ 0.4381, 0.0000,
0.0099

206.1837,

■ 0.0000, 0.0000,

194.6017, 217.4597

0.0000

250.1796,
237.7606, 265.2448

■ 31.3681, 26.8378,
30.7211

■ 31.3681, 26.8378,
30.7211

■ 28.4182, 22.2825,
25.5924

■ 34.8181, 32.2521,
36.4504

■ 25.9418, 18.5380,
21.0419

■ 38.7884, 38.5630,
42.7983

■ 23.9133, 15.5570,
17.0483

■ 43.3010, 45.8102,
49.7839

■ 22.3034, 13.2857,
13.5879

■ 48.3759, 54.0301,
57.4251

■ 21.0794, 11.6631,
10.6353

■ 54.0319, 63.2570,
65.7388

■ 20.2031, 10.6180,
8.1621

■ 60.2872, 73.5236,
74.7417

■ 19.6066, 10.0198,
6.1291

■ 67.1589, 84.8611,
84.4494

■ 19.5562, 9.9700,
5.9552

■ 69.6196, 87.2114,
93.1960

■ 71.3317, 87.8963,
102.2119

Harmonies

Analogous

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



30.2466, 26.8378, 39.2946



31.3681, 26.8378, 30.7211



30.8270, 26.8378, 23.1553

Triad

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



31.3681, 26.8378, 30.7211



23.2916, 26.8378, 17.1410



22.4624, 26.8378, 43.9902

Complementary

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



31.3681, 26.8378, 30.7211



31.2188, 39.2910, 39.1981

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.



20.8399, 26.8378, 36.2648



31.3681, 26.8378, 30.7211



21.2931, 26.8378, 21.0367

Square

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



31.3681, 26.8378, 30.7211



26.0268, 26.8378, 16.2069



20.4283, 26.8378, 27.7721



24.9972, 26.8378, 47.8165

Rectangle

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



31.3681, 26.8378, 30.7211



29.6155, 26.8378, 19.5196



20.4283, 26.8378, 27.7721



21.7999, 26.8378, 41.7008

Sweetspot

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



31.3689, 26.8390, 30.7217



69.3896, 68.9387, 76.5261



30.2110, 25.9015, 46.0553



15.1332, 14.8900, 16.5758



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.



31.3689, 26.8390, 30.7217



52.6244, 42.5594, 48.8913



30.9380, 28.1491, 23.8829



8.6204, 8.5549, 9.4996



13.8482, 7.0568, 4.3605



0.4644, 0.2335, 0.2881

Inverse Universe

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



31.3689, 26.8390, 30.7217



52.6244, 42.5594, 48.8913



31.6552, 37.2979, 48.1789



8.6204, 8.5549, 9.4996



13.8482, 7.0568, 4.3605



0.4644, 0.2335, 0.2881

Previews

White Background



This preview shows how the XYZ color 31.3681, 26.8378, 30.7211 looks on a white background.

Color Contrast Check

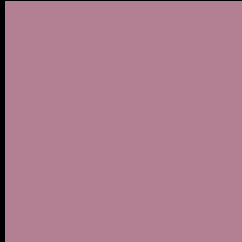
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3681, 26.8378, 30.7211 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 31.3681, 26.8378, 30.7211

Background



This preview shows how black text looks on a background with the XYZ color 31.3681, 26.8378, 30.7211.



This preview shows how white text looks on a background with the XYZ color 31.3681, 26.8378,

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

31.3681, 26.8378, 30.7211

Protanopia

26.3421, 27.0456, 34.4038

Deuteranopia

27.3061, 26.7750, 30.1145



Tritanopia

30.6667, 26.7383, 27.5895

Trichromacy



Original Color

31.3681, 26.8378, 30.7211

Protanomaly

27.9076, 26.8112, 32.9824

Deuteranomaly

28.6026, 26.6059, 30.4160

Tritanomaly

30.8870, 26.8264, 28.7494

Monochromacy



Original Color

31.3681, 26.8378, 30.7211

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1039, 27.3894, 30.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3681, 26.8378, 30.7211 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, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 146)  
}
```

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, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.3681, 26.8378, 30.7211 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, 127, 146) }
```


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

```
.border{ border-color:rgb(179, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3681, 26.8378, 30.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 146) }
```

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

```
.background{ background-color: rgb(179,  
127, 146) }
```

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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