

Converting Colors

XYZ(31.0669, 29.3615, 26.1737)

Have a look what the booklet for
XYZ(31.0669, 29.3615, 26.1737)
contains.

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Color

**XYZ(31.0673, 29.4483,
26.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8C85
RGB	174, 140, 133
RGB Percent	68%, 55%, 52%
CMY	0.3176, 0.4510, 0.4784
CMYK	0.00, 0.20, 0.24, 0.32
HSL	10°, 20%, 60%
HSV	10°, 24%, 68%
XYZ	31.0673, 29.4483, 26.2370
YIQ	149.3680, 22.5110, 5.0310

Conversions

Conversions Part 2

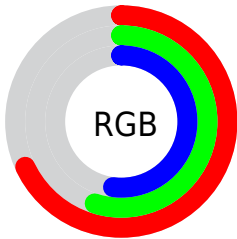
Format	Color
R_{YB}	174, 141, 133
Decimal	11439237
CIE _{Lab}	61.18, 11.77, 8.61
CIE _{LCh}	61, 14.581, 36.169
Yxy	29.4483, 0.3581, 0.3395
Android (android.graphics.Color)	4289629317 (0xFFAE8C85)
YUV	149.3680, -8.0694, 21.6023
Hunter-Lab	54.2663, 7.2248, 9.3205

Details

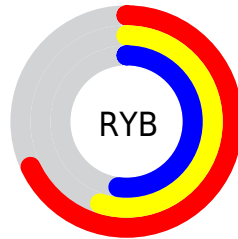
The XYZ color **31.0673, 29.4483, 26.2370** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1313, 35.6791, 45.2906**, and the grayscale version is **28.7491, 30.2462, 32.9382**.

A 20% lighter version of the original color is **60.7878, 58.9517, 54.6293**, and **13.1416, 12.0174, 10.0145** is the 20% darker color. If you saturate the color by 10%, you get **27.9917, 25.0640, 19.7641**, and if you desaturate by 10%, it is **34.6201, 34.4678, 33.8521**.

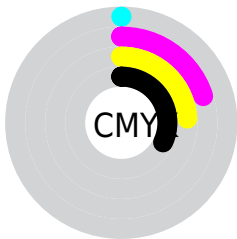
Distribution



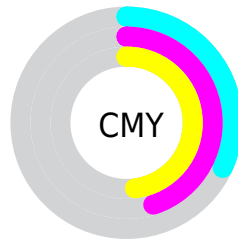
- Red (68%)
- Green (55%)
- Blue (52%)



- Red (68%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0673, 29.4483, 26.2370 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 31.0673, 29.4483, 26.2370 by changing the saturation by 10% instead.


 31.0673, 29.4483,
26.2370


 31.0673, 29.4483,
26.2370


298.6696,
299.3243, 297.5860

 20.8022, 19.4202,
16.7737


 60.7211, 58.7886,
54.6458

 13.0911, 11.9743,
9.9130


 80.8406, 78.8696,
74.4284

 7.5688, 6.7262,
5.2365


 104.9755,
103.0703, 98.4878

 3.8697, 3.2915,
2.3255

133.4912,
131.7753, 127.2425

 1.6287, 1.2857,
0.7455

166.7531,
165.3687, 161.1112

 0.4110, 0.1301,
0.0000

205.1266,

 0.0000, 0.0000,

204.2351, 200.5123

0.0000

248.9770,
248.7589, 245.8644

■ 31.0673, 29.4483,
26.2370

■ 31.0673, 29.4483,
26.2370

■ 27.9917, 25.0640,
19.7641

■ 34.6201, 34.4678,
33.8521

■ 25.3704, 21.2857,
14.3765

■ 38.6670, 40.1424,
42.6591

■ 23.1823, 18.0877,
10.0149

■ 43.2268, 46.4959,
52.7067

■ 21.4035, 15.4409,
6.6139

■ 48.3169, 53.5500,
64.0407

■ 20.0078, 13.3139,
4.1002

■ 53.9536, 61.3250,
76.7044

■ 18.9656, 11.6717,
2.3900

■ 60.1525, 69.8408,
90.7389

■ 18.2430, 10.4750,
1.3831

■ 66.9289, 79.1163,
106.1837

■ 17.9129, 9.9132,
0.9693

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



31.8107, 29.4483, 30.9447



31.0673, 29.4483, 26.2370



29.5033, 29.4483, 23.3563

Triad

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



31.0673, 29.4483, 26.2370



24.7562, 29.4483, 27.9911



28.3871, 29.4483, 43.7270

Complementary

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



31.0673, 29.4483, 26.2370



31.1313, 35.6791, 45.2906

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.



26.5288, 29.4483, 42.7050



31.0673, 29.4483, 26.2370



24.4877, 29.4483, 33.2103

Square

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



31.0673, 29.4483, 26.2370



25.8733, 29.4483, 24.2854



25.1224, 29.4483, 38.6960



30.2185, 29.4483, 41.3484

Rectangle

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



31.0673, 29.4483, 26.2370



28.2363, 29.4483, 22.6550



25.1224, 29.4483, 38.6960



27.7445, 29.4483, 43.7732

Sweetspot

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



31.0681, 29.4496, 26.2376



67.4188, 69.0095, 71.4366



32.8339, 28.5703, 40.4244



14.8887, 15.2038, 15.6686



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.0681, 29.4496, 26.2376



53.4959, 49.3537, 41.5471



34.3182, 35.9498, 27.3210



8.1117, 8.2283, 8.3740



13.0234, 7.2523, 0.7134



0.3948, 0.2667, 0.0307

Inverse Universe

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



31.1313, 35.6791, 45.2906



53.6257, 62.5332, 81.8806



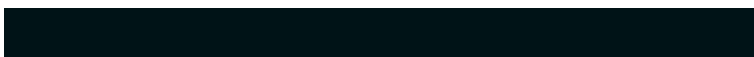
27.6952, 28.8068, 44.1452



8.1182, 8.8357, 10.2303



12.8435, 16.8209, 31.6143



0.3875, 0.5284, 0.8896

Previews

White Background



This preview shows how the XYZ color 31.0673, 29.4483, 26.2370 looks on a white background.

Color Contrast Check

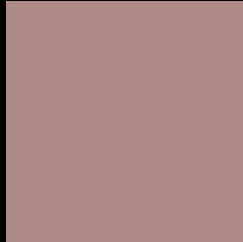
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0673, 29.4483, 26.2370 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 31.0673, 29.4483, 26.2370

Background



This preview shows how black text looks on a background with the XYZ color 31.0673, 29.4483, 26.2370.



This preview shows how white text looks on a background with the XYZ color 31.0673, 29.4483,

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

31.0673, 29.4483, 26.2370

Protanopia

28.0859, 29.4459, 27.8702

Deuteranopia

30.2045, 29.6632, 26.3239



Tritanopia

32.3383, 29.5452, 32.0154

Trichromacy



Original Color

31.0673, 29.4483, 26.2370

Protanomaly

29.1151, 29.3012, 27.4137

Deuteranomaly

30.4842, 29.5855, 26.2942

Tritanomaly

31.8697, 29.5624, 30.0130

Monochromacy



Original Color

31.0673, 29.4483, 26.2370

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3374, 29.8100, 30.1943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0673, 29.4483, 26.2370 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(174, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(174, 140, 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(174, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 140, 133) }
```

Border

The CSS property to change the border of an element to XYZ 31.0673, 29.4483, 26.2370 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(174, 140, 133) }
```


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

```
.border{ border-color:rgb(174, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(174, 140,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0673, 29.4483, 26.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 140, 133) }
```

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

```
.background{ background-color: rgb(174,  
140, 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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