

Converting Colors

XYZ(31.0954, 28.2141, 26.2569)

Have a look what the booklet for
XYZ(31.0954, 28.2141, 26.2569)
contains.

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Color

**XYZ(31.1883, 28.2364,
26.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	B28686
RGB	178, 134, 134
RGB Percent	70%, 53%, 53%
CMY	0.3020, 0.4745, 0.4745
CMYK	0.00, 0.25, 0.25, 0.30
HSL	0°, 22%, 61%
HSV	0°, 25%, 70%
XYZ	31.1883, 28.2364, 26.3606
YIQ	147.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

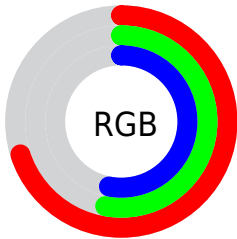
Format	Color
RYB	178, 134, 134
Decimal	11699846
CIELab	60.10, 16.84, 6.56
CIELCh	60, 18.077, 21.275
Yxy	28.2364, 0.3636, 0.3292
Android (android.graphics.Color)	4289889926 (0xFFB28686)
YUV	147.1560, -6.4859, 27.0502
Hunter-Lab	53.1379, 11.7758, 7.7840

Details

The XYZ color **31.1883, 28.2364, 26.3606** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7874, 40.1224, 48.0834**, and the grayscale version is **27.8167, 29.2654, 31.8700**.

A 20% lighter version of the original color is **60.6716, 56.6209, 54.7449**, and **13.0827, 11.2658, 9.8725** is the 20% darker color. If you saturate the color by 10%, you get **27.7934, 23.2689, 19.6108**, and if you desaturate by 10%, it is **35.2077, 34.1181, 34.3502**.

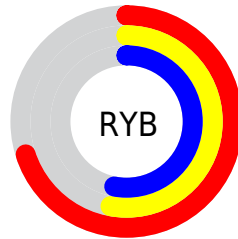
Distribution



Red (70%)

Green (53%)

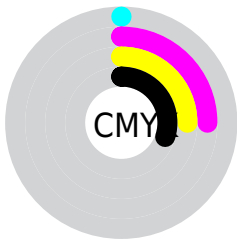
Blue (53%)



Red (70%)

Yellow (53%)

Blue (53%)

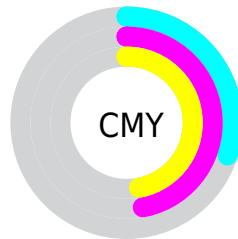


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1883, 28.2364, 26.3606 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 31.1883, 28.2364, 26.3606 by changing the saturation by 10% instead.


 31.1883, 28.2364,
26.3606


 31.1883, 28.2364,
26.3606


299.2163,
293.5948, 298.2094


 20.8948, 18.5039,
16.8654


 60.9102, 56.8616,
54.8473

 13.1592, 11.3124,
9.9776


 81.0694, 76.5232,
74.6759

 7.6160, 6.2774,
5.2787


 105.2478,
100.2633, 98.7861

 3.8999, 3.0145,
2.3501

133.8108,
128.4662, 127.5964

 1.6457, 1.1393,
0.7591

167.1239,
161.5165, 161.5253

 0.4219, 0.0113,
0.0000

205.5522,

 0.0000, 0.0000,

199.7984, 200.9915

0.0000

249.4612,
243.6964, 246.4133

■ 31.1883, 28.2364,
26.3606

■ 31.1883, 28.2364,
26.3606

■ 27.7934, 23.2689,
19.6108

■ 35.2077, 34.1181,
34.3502

■ 24.9897, 19.1662,
14.0371

■ 39.8784, 40.9526,
43.6355

■ 22.7439, 15.8800,
9.5727

■ 45.2283, 48.7809,
54.2710

■ 21.0189, 13.3557,
6.1436

■ 51.2829, 57.6405,
66.3078

■ 19.7727, 11.5321,
3.6665

■ 58.0667, 67.5669,
79.7942

■ 18.9572, 10.3388,
2.0455

■ 65.6028, 78.5941,
94.7761

■ 18.5139, 9.6900,
1.1645

■ 72.1702, 88.2050,
107.8292

■ 18.3604, 9.4653,
0.8593

Harmonies

Analogous

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



31.4666, 28.2364, 32.7127



31.1883, 28.2364, 26.3606



29.7103, 28.2364, 21.8586

Triad

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



31.1883, 28.2364, 26.3606



23.5231, 28.2364, 23.4609



26.1704, 28.2364, 45.0925

Complementary

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



31.1883, 28.2364, 26.3606



33.7874, 40.1224, 48.0834

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.



24.1568, 28.2364, 41.7617



31.1883, 28.2364, 26.3606



22.6869, 28.2364, 28.8572

Square

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



31.1883, 28.2364, 26.3606



25.2599, 28.2364, 20.3588



22.9120, 28.2364, 35.5896



28.4802, 28.2364, 44.1707

Rectangle

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



31.1883, 28.2364, 26.3606



28.2875, 28.2364, 20.2122



22.9120, 28.2364, 35.5896



25.4386, 28.2364, 44.4175

Sweetspot

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



31.1891, 28.2377, 26.3612



70.1713, 71.1253, 74.8648



34.9214, 29.7299, 46.0176



15.4326, 15.5912, 16.3599



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.



31.1891, 28.2377, 26.3612



52.8533, 45.7844, 40.4371



34.5520, 34.9635, 27.4821



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



33.7874, 40.1224, 48.0834



58.4306, 71.2943, 87.0627



29.7562, 32.0600, 46.7396



8.7426, 9.6315, 10.9046



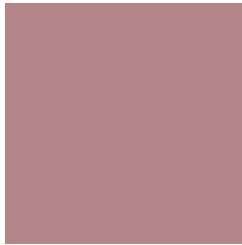
17.1390, 25.0784, 34.0743



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 31.1883, 28.2364, 26.3606 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 31.1883, 28.2364, 26.3606 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 31.1883, 28.2364, 26.3606

Background



This preview shows how black text looks on a background with the XYZ color 31.1883, 28.2364, 26.3606.



This preview shows how white text looks on a background with the XYZ color 31.1883, 28.2364,

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

31.1883, 28.2364, 26.3606

Protanopia

27.2534, 28.5338, 28.8821

Deuteranopia

28.9216, 28.3421, 26.1365



Tritanopia

31.9359, 28.3419, 29.7739

Trichromacy



Original Color

31.1883, 28.2364, 26.3606

Protanomaly

28.6095, 28.3583, 28.0106

Deuteranomaly

29.6843, 28.3054, 26.0893

Tritanomaly

31.7116, 28.2522, 28.5928

Monochromacy



Original Color

31.1883, 28.2364, 26.3606

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6560, 28.5681, 29.5950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1883, 28.2364, 26.3606 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(178, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 134)  
}
```

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(178, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.1883, 28.2364, 26.3606 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(178, 134, 134) }
```


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

```
.border{ border-color:rgb(178, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1883, 28.2364, 26.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 134) }
```

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

```
.background{ background-color: rgb(178,  
134, 134) }
```

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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