

Converting Colors

XYZ(31.6517, 28.4767, 26.3829)

Have a look what the booklet for
XYZ(31.6517, 28.4767, 26.3829)
contains.

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Color

**XYZ(31.6506, 28.4747,
26.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	B48686
RGB	180, 134, 134
RGB Percent	71%, 53%, 53%
CMY	0.2941, 0.4745, 0.4745
CMYK	0.00, 0.26, 0.26, 0.29
HSL	0°, 23%, 62%
HSV	0°, 26%, 71%
XYZ	31.6506, 28.4747, 26.3823
YIQ	147.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

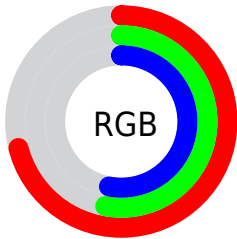
Format	Color
RYB	180, 134, 134
Decimal	11830918
CIELab	60.32, 17.62, 6.89
CIELCh	60, 18.920, 21.365
Yxy	28.4747, 0.3659, 0.3292
Android (android.graphics.Color)	4290020998 (0xFFB48686)
YUV	147.7540, -6.7807, 28.2797
Hunter-Lab	53.3617, 12.4914, 8.0399

Details

The XYZ color **31.6506, 28.4747, 26.3823** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3907, 41.0052, 49.2825**, and the grayscale version is **28.0658, 29.5274, 32.1554**.

A 20% lighter version of the original color is **61.6650, 57.1330, 54.7914**, and **13.3747, 11.4164, 9.8862** is the 20% darker color. If you saturate the color by 10%, you get **28.2210, 23.4564, 19.5635**, and if you desaturate by 10%, it is **35.7189, 34.4279, 34.4689**.

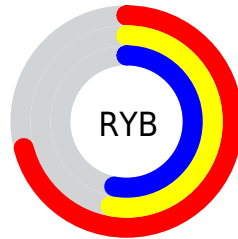
Distribution



Red (71%)

Green (53%)

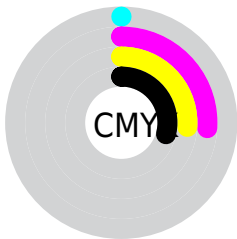
Blue (53%)



Red (71%)

Yellow (53%)

Blue (53%)

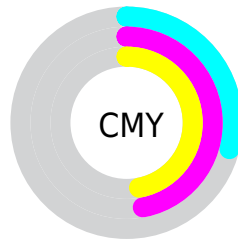


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (29%)



Cyan (29%)


Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6506, 28.4747, 26.3823 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 31.6506, 28.4747, 26.3823 by changing the saturation by 10% instead.


 31.6506, 28.4747,
26.3823


 31.6506, 28.4747,
26.3823


301.2982,
294.7283, 298.3187

 21.2490, 18.6838,
16.8815


 61.6318, 57.2414,
54.8827

 13.4196, 11.4420,
9.9890


 81.9422, 76.9861,
74.7194

 7.7971, 6.3650,
5.2862


 106.2862,
100.8174, 98.8385

 4.0161, 3.0683,
2.3545

135.0292,
129.1198, 127.6585

 1.7113, 1.1675,
0.7615

168.5365,
162.2777, 161.5980

 0.4633, 0.0349,
0.0000

207.1736,

 0.0000, 0.0000,

200.6755, 201.0755

0.0000

251.3057,
244.6976, 246.5096

■ 31.6506, 28.4747,
26.3823

■ 31.6506, 28.4747,
26.3823

■ 28.2210, 23.4564,
19.5635

■ 35.7189, 34.4279,
34.4689

■ 25.3955, 19.3219,
13.9465

■ 40.4534, 41.3559,
43.8812

■ 23.1398, 16.0211,
9.4624

■ 45.8831, 49.3010,
54.6754

■ 21.4152, 13.4974,
6.0341

■ 52.0344, 58.3020,
66.9043

■ 20.1782, 11.6874,
3.5753

■ 58.9325, 68.3957,
80.6176

■ 19.3786, 10.5173,
1.9860

■ 66.6010, 79.6168,
95.8629

■ 18.9533, 9.8948,
1.1407

■ 72.6325, 88.4434,
107.8509

■ 18.8227, 9.7036,
0.8809

Harmonies

Analogous

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



31.9490, 28.4747, 33.0558



31.6506, 28.4747, 26.3823



30.0861, 28.4747, 21.6861

Triad

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



31.6506, 28.4747, 26.3823



23.5778, 28.4747, 23.3808



26.3693, 28.4747, 46.1962

Complementary

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



31.6506, 28.4747, 26.3823



34.3907, 41.0052, 49.2825

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.



24.2520, 28.4747, 42.6692



31.6506, 28.4747, 26.3823



22.7048, 28.4747, 29.0392

Square

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



31.6506, 28.4747, 26.3823



25.3984, 28.4747, 20.1420



22.9440, 28.4747, 36.1364



28.8016, 28.4747, 45.2021

Rectangle

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



31.6506, 28.4747, 26.3823



28.5842, 28.4747, 19.9790



22.9440, 28.4747, 36.1364



25.5994, 28.4747, 45.4830

Sweetspot

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



31.6514, 28.4760, 26.3829



71.0152, 71.5697, 74.9234



35.5860, 30.0492, 47.1048



15.0656, 15.0542, 15.6304



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.



31.6514, 28.4760, 26.3829



53.5385, 45.9964, 40.1801



35.1828, 35.5388, 27.5600



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



34.3907, 41.0052, 49.2825



59.4048, 72.8282, 89.2209



30.1271, 32.4780, 47.8613



8.7426, 9.6315, 10.9046



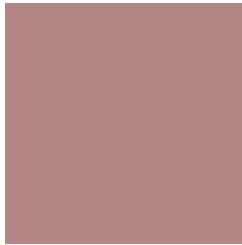
17.1392, 25.0789, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 31.6506, 28.4747, 26.3823 looks on a white background.

Color Contrast Check

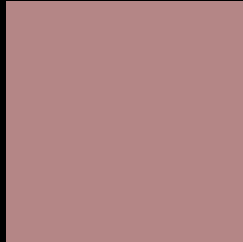
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6506, 28.4747, 26.3823 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 31.6506, 28.4747, 26.3823

Background



This preview shows how black text looks on a background with the XYZ color 31.6506, 28.4747, 26.3823.



This preview shows how white text looks on a background with the XYZ color 31.6506, 28.4747,

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

31.6506, 28.4747, 26.3823

Protanopia

27.4367, 28.6283, 28.8907

Deuteranopia

29.2756, 28.7425, 26.1952



Tritanopia

32.4015, 28.5820, 29.7957

Trichromacy



Original Color

31.6506, 28.4747, 26.3823

Protanomaly

28.8103, 28.4618, 28.0200

Deuteranomaly

29.8997, 28.4165, 26.0993

Tritanomaly

32.1772, 28.4923, 28.6146

Monochromacy



Original Color

31.6506, 28.4747, 26.3823

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2776, 29.1017, 30.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6506, 28.4747, 26.3823 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(180, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.6506, 28.4747, 26.3823 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(180, 134, 134) }
```


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

```
.border{ border-color:rgb(180, 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(180, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(180, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6506, 28.4747, 26.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 134, 134) }
```

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

```
.background{ background-color: rgb(180,  
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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