

Converting Colors

XYZ(30.2302, 26.4787, 23.2355)

Have a look what the booklet for
XYZ(30.2302, 26.4787, 23.2355)
contains.

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Color

**XYZ(30.1777, 26.3884,
23.2416)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B47F7E |
| RGB | 180, 127, 126 |
| RGB Percent | 71%, 50%, 49% |
| CMY | 0.2941, 0.5019, 0.5059 |
| CMYK | 0.00, 0.29, 0.30, 0.29 |
| HSL | 1°, 26%, 60% |
| HSV | 1°, 30%, 71% |
| XYZ | 30.1777, 26.3884, 23.2416 |
| YIQ | 142.7330, 31.9090, 10.9250 |

Conversions

Conversions Part 2

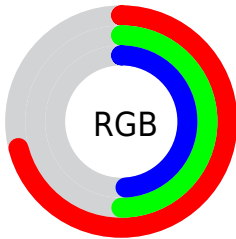
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 180, 127, 126 |
| Decimal | 11829118 |
| CIE _{Lab} | 58.40, 20.40, 8.76 |
| CIE _{LCh} | 58, 22.197, 23.232 |
| Yxy | 26.3884, 0.3781, 0.3306 |
| Android (android.graphics.Color) | 4290019198 (0xFFB47F7E) |
| YUV | 142.7330, -8.2494, 32.6832 |
| Hunter-Lab | 51.3696, 14.9651, 9.1337 |

Details

The XYZ color **30.1777, 26.3884, 23.2416** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9621, 39.9699, 49.1579**, and the grayscale version is **26.0255, 27.3809, 29.8178**.

A 20% lighter version of the original color is **59.3830, 53.9017, 49.9221**, and **12.5976, 10.2792, 8.3413** is the 20% darker color. If you saturate the color by 10%, you get **27.0342, 21.7958, 16.9698**, and if you desaturate by 10%, it is **33.9317, 31.8671, 30.7485**.

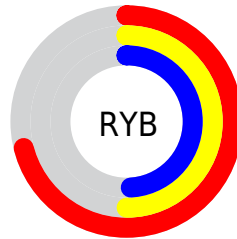
Distribution



Red (71%)

Green (50%)

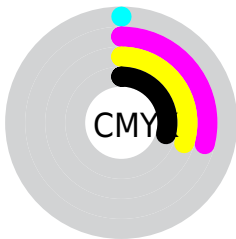
Blue (49%)



Red (71%)

Yellow (50%)

Blue (49%)

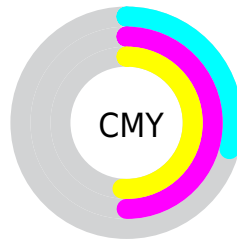


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1777, 26.3884, 23.2416 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 30.1777, 26.3884, 23.2416 by changing the saturation by 10% instead.


 30.1777, 26.3884,
23.2416


 30.1777, 26.3884,
23.2416


294.6269,
284.6835, 282.1255


 20.1222, 17.1144,
14.5650

 59.3278, 53.9009,
49.7179

 12.5927, 10.3161,
8.3715


 79.1531, 72.9082,
68.3548

 7.2238, 5.6090,
4.2424


 102.9658, 95.9287,
91.1488

 3.6500, 2.6088,
1.7592

131.1312,
123.3468, 118.5186

 1.5061, 0.9311,
0.4009

164.0147,
155.5470, 150.8826

 0.3300, 0.0000,
0.0000

201.9815,

 0.0000, 0.0000,

192.9136, 188.6594

0.0000

245.3971,
235.8309, 232.2675

■ 30.1777, 26.3884,
23.2416

■ 30.1777, 26.3884,
23.2416

■ 27.0342, 21.7958,
16.9698

■ 33.9317, 31.8671,
30.7485

■ 24.4669, 18.0394,
11.8655

■ 38.3237, 38.2711,
39.5501

■ 22.4415, 15.0699,
7.8570

■ 43.3823, 45.6416,
49.7038

■ 20.9192, 12.8314,
4.8643

■ 49.1336, 54.0165,
61.2634

■ 19.8559, 11.2606,
2.7961

■ 55.6024, 63.4315,
74.2795

■ 19.2001, 10.2838,
1.5453

■ 62.8122, 73.9204,
88.8003

■ 18.8588, 9.7760,
0.8930

■ 70.7854, 85.5158,
104.8719

■ 18.8588, 9.7760,
0.8930

■ 72.6325, 88.4433,
107.8509

Harmonies

Analogous

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



30.6165, 26.3884, 30.5261



30.1777, 26.3884, 23.2416



28.3295, 26.3884, 18.3643

Triad

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



30.1777, 26.3884, 23.2416



21.1366, 26.3884, 20.6977



24.4727, 26.3884, 46.2339

Complementary

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



30.1777, 26.3884, 23.2416



32.9621, 39.9699, 49.1579

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.



22.0915, 26.3884, 42.4128



30.1777, 26.3884, 23.2416



20.2572, 26.3884, 27.0105

Square

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



30.1777, 26.3884, 23.2416



23.0827, 26.3884, 17.0908



20.5938, 26.3884, 35.0265



27.1923, 26.3884, 44.7325

Rectangle

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



30.1777, 26.3884, 23.2416



26.6140, 26.3884, 16.6871



20.5938, 26.3884, 35.0265



23.6088, 26.3884, 45.5097

Sweetspot

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



30.1784, 26.3896, 23.2421



70.2169, 70.4546, 73.1730



34.4303, 27.8840, 46.2686



14.9101, 14.8396, 15.2812



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.



30.1784, 26.3896, 23.2421



50.8275, 42.1644, 34.3746



34.1277, 34.2882, 24.5585



8.5086, 8.5297, 8.8505



13.1677, 6.8340, 0.6251



0.4185, 0.2234, 0.0211

Inverse Universe

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



32.9621, 39.9699, 49.1579



56.6894, 70.7678, 88.9663



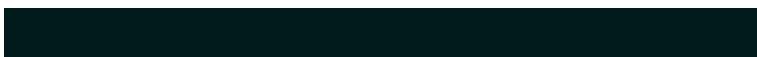
28.0872, 30.2202, 47.5330



8.7289, 9.6039, 10.9000



16.6811, 24.1626, 33.9217



0.5291, 0.7687, 1.0687

Previews

White Background



This preview shows how the XYZ color 30.1777, 26.3884, 23.2416 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 30.1777, 26.3884, 23.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

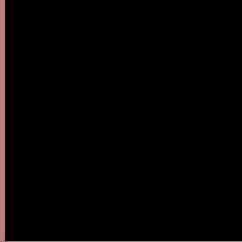
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1777, 26.3884, 23.2416

Background



This preview shows how black text looks on a background with the XYZ color 30.1777, 26.3884, 23.2416.



This preview shows how white text looks on a background with the XYZ color 30.1777, 26.3884,

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

30.1777, 26.3884, 23.2416

Protanopia

25.2888, 26.4694, 25.9665

Deuteranopia

26.9395, 26.5371, 22.7711



Tritanopia

30.8901, 26.4947, 26.4076

Trichromacy



Original Color

30.1777, 26.3884, 23.2416

Protanomaly

26.7938, 26.2088, 24.7657

Deuteranomaly

28.0255, 26.4712, 23.0344

Tritanomaly

30.6818, 26.4114, 25.3106

Monochromacy



Original Color

30.1777, 26.3884, 23.2416

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1713, 26.7654, 27.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1777, 26.3884, 23.2416 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, 127, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 126)  
}
```

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, 127, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 126) }
```

Border

The CSS property to change the border of an element to XYZ 30.1777, 26.3884, 23.2416 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, 127, 126) }
```


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

```
.border{ border-color:rgb(180, 127, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1777, 26.3884, 23.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 126) }
```

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

```
.background{ background-color: rgb(180,  
127, 126) }
```

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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