

Converting Colors

XYZ(31.0309, 26.3120, 20.8960)

Have a look what the booklet for
XYZ(31.0309, 26.3120, 20.8960)
contains.

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Color

**XYZ(31.0309, 26.3120,
20.8960)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BB7C77 |
| RGB | 187, 124, 119 |
| RGB Percent | 73%, 49%, 47% |
| CMY | 0.2667, 0.5137, 0.5333 |
| CMYK | 0.00, 0.34, 0.36, 0.27 |
| HSL | 4°, 33%, 60% |
| HSV | 4°, 36%, 73% |
| XYZ | 31.0309, 26.3120, 20.8960 |
| YIQ | 142.2670, 39.1530, 11.8010 |

Conversions

Conversions Part 2

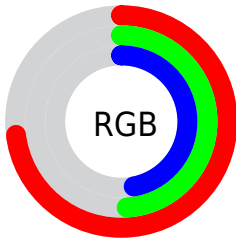
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 187, 124, 119 |
| Decimal | 12287095 |
| CIE _{Lab} | 58.33, 23.89, 12.80 |
| CIE _{LCh} | 58, 27.102, 28.173 |
| Yxy | 26.3120, 0.3966, 0.3363 |
| Android (android.graphics.Color) | 4290477175 (0xFFBB7C77) |
| YUV | 142.2670, -11.4706, 39.2308 |
| Hunter-Lab | 51.2952, 18.2164, 11.7538 |

Details

The XYZ color **31.0309, 26.3120, 20.8960** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.3046, 40.9640, 53.1651**, and the grayscale version is **25.8507, 27.1969, 29.6174**.

A 20% lighter version of the original color is **60.7290, 53.7970, 45.7112**, and **13.1018, 10.2580, 7.2507** is the 20% darker color. If you saturate the color by 10%, you get **28.0328, 21.9397, 14.8904**, and if you desaturate by 10%, it is **34.6327, 31.5380, 28.1935**.

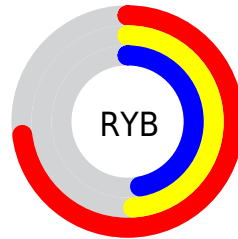
Distribution



Red (73%)

Green (49%)

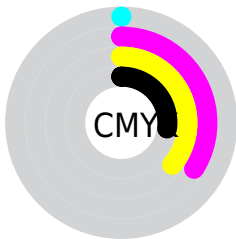
Blue (47%)



Red (73%)

Yellow (49%)

Blue (47%)

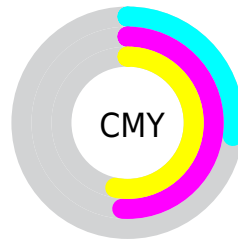


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0309, 26.3120, 20.8960 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 31.0309, 26.3120, 20.8960 by changing the saturation by 10% instead.

■ 31.0309, 26.3120,
20.8960

■ 31.0309, 26.3120,
20.8960

298.5050,
284.3103, 269.4881

■ 20.7743, 17.0572,
12.8575

■ 60.6642, 53.7779,
45.7929

■ 13.0707, 10.2753,
7.2009

■ 80.7717, 72.7577,
63.4884

■ 7.5546, 5.5819,
3.5077

■ 104.8935, 95.7480,
85.2400

■ 3.8607, 2.5925,
1.3594

133.3950,
123.1332, 111.4662

■ 1.6236, 0.9229,
0.1097

166.6415,
155.2976, 142.5856

■ 0.4077, 0.0000,
0.0000

204.9985,

■ 0.0000, 0.0000,

192.6256, 179.0167

0.0000

248.8312,
235.5018, 221.1780

■ 31.0309, 26.3120,
20.8960

■ 31.0309, 26.3120,
20.8960

■ 28.0328, 21.9397,
14.8904

■ 34.6327, 31.5380,
28.1935

■ 25.6035, 18.3723,
10.1000

■ 38.8667, 37.6557,
36.8506

■ 23.7074, 15.5616,
6.4423


■ 43.7620, 44.7054,
46.9320


■ 22.3043, 13.4530,
3.8239


■ 49.3452, 52.7238,
58.4978


■ 21.3480, 11.9844,
2.1364


■ 55.6415, 61.7456,
71.6047

 20.7820, 11.0822,
1.2390

 62.6748, 71.8039,
86.3064

 20.6473, 10.8725,
1.0104

 70.4680, 82.9302,
102.6541

 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



31.9035, 26.3120, 29.2325



31.0309, 26.3120, 20.8960



28.5071, 26.3120, 15.8148

Triad

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



31.0309, 26.3120, 20.8960



19.9947, 26.3120, 20.0934



24.8070, 26.3120, 50.9264

Complementary

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



31.0309, 26.3120, 20.8960



33.3046, 40.9640, 53.1651

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.



21.8090, 26.3120, 47.0335



31.0309, 26.3120, 20.8960



19.1867, 26.3120, 28.0739

Square

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



31.0309, 26.3120, 20.8960



22.1304, 26.3120, 15.4281



19.8210, 26.3120, 38.1163



28.1265, 26.3120, 47.8443

Rectangle

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



31.0309, 26.3120, 20.8960



26.3322, 26.3120, 14.2875



19.8210, 26.3120, 38.1163



23.7305, 26.3120, 50.3758

Sweetspot

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



31.0316, 26.3133, 20.8965



74.0055, 73.7755, 75.0362



35.5822, 27.1554, 47.8753



16.0364, 15.8710, 15.9873



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.0316, 26.3133, 20.8965



51.0219, 40.4860, 28.2915



35.9708, 36.1916, 22.5429



9.5851, 9.6461, 9.9333



14.2473, 7.5334, 0.7032



0.5775, 0.3340, 0.0340

Inverse Universe

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



33.3046, 40.9640, 53.1651



55.7014, 70.7088, 94.9138



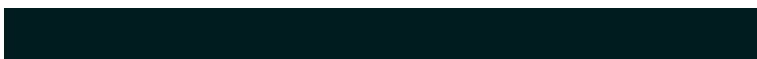
27.2408, 28.8365, 51.1439



9.7469, 10.6861, 12.2211



16.5310, 23.1736, 35.9946



0.6656, 0.9439, 1.4160

Previews

White Background



This preview shows how the XYZ color 31.0309, 26.3120, 20.8960 looks on a white background.

Color Contrast Check

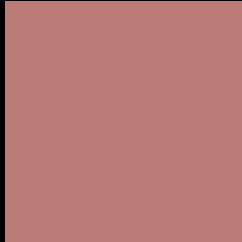
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0309, 26.3120, 20.8960 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 31.0309, 26.3120, 20.8960

Background



This preview shows how black text looks on a background with the XYZ color 31.0309, 26.3120, 20.8960.



This preview shows how white text looks on a background with the XYZ color 31.0309, 26.3120,

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

31.0309, 26.3120, 20.8960

Protanopia

25.0629, 26.3995, 23.8533

Deuteranopia

26.7752, 26.2937, 20.4936



Tritanopia

31.7953, 26.2491, 24.8635

Trichromacy



Original Color

31.0309, 26.3120, 20.8960

Protanomaly

26.8611, 26.0825, 22.6875

Deuteranomaly

28.1809, 26.1985, 20.7111

Tritanomaly

31.6528, 26.3896, 23.5041

Monochromacy



Original Color

31.0309, 26.3120, 20.8960

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0676, 26.3183, 26.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0309, 26.3120, 20.8960 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(187, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 119)  
}
```

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(187, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 119) }
```

Border

The CSS property to change the border of an element to XYZ 31.0309, 26.3120, 20.8960 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(187, 124, 119) }
```


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

```
.border{ border-color:rgb(187, 124, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 124, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 124, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 124,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0309, 26.3120, 20.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 119) }
```

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

```
.background{ background-color: rgb(187,  
124, 119) }
```

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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