

Converting Colors

XYZ(31.1080, 26.0045, 28.1907)

Have a look what the booklet for
XYZ(31.1080, 26.0045, 28.1907)
contains.

XYZ(31.1080, 26.0045, 28.1907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.1080, 26.0045,
28.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	B67B8C
RGB	182, 123, 140
RGB Percent	71%, 48%, 55%
CMY	0.2863, 0.5176, 0.4510
CMYK	0.00, 0.32, 0.23, 0.29
HSL	343°, 29%, 60%
HSV	343°, 32%, 71%
XYZ	31.1080, 26.0045, 28.1907
YIQ	142.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

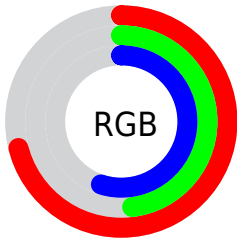
Format	Color
R_{YB}	182, 123, 140
Decimal	11959180
CIE _{Lab}	58.04, 25.43, 0.19
CIE _{LCh}	58, 25.430, 0.420
Yxy	26.0045, 0.3647, 0.3048
Android (android.graphics.Color)	4290149260 (0xFFB67B8C)
YUV	142.5790, -1.2714, 34.5722
Hunter-Lab	50.9946, 19.6490, 2.9197

Details

The XYZ color **31.1080, 26.0045, 28.1907** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.6890, 40.3841, 41.7242**, and the grayscale version is **25.9380, 27.2888, 29.7175**.

A 20% lighter version of the original color is **60.7476, 53.2516, 57.5289**, and **13.1301, 10.0925, 10.9289** is the 20% darker color. If you saturate the color by 10%, you get **28.1568, 21.5420, 22.7677**, and if you desaturate by 10%, it is **34.5929, 31.3539, 34.3473**.

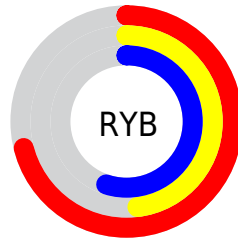
Distribution



Red (71%)

Green (48%)

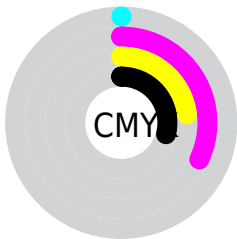
Blue (55%)



Red (71%)

Yellow (48%)

Blue (55%)

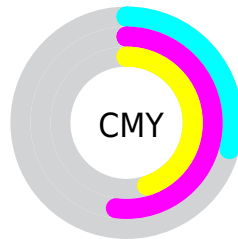


Cyan (0%)

Magenta (32%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1080, 26.0045, 28.1907 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 31.1080, 26.0045, 28.1907 by changing the saturation by 10% instead.

■ 31.1080, 26.0045,
28.1907

■ 31.1080, 26.0045,
28.1907

298.8536,
282.8042, 307.3176

■ 20.8333, 16.8270,
18.2292

■ 60.7848, 53.2822,
57.8155

■ 13.1140, 10.1112,
10.9435

■ 80.9175, 72.1512,
78.3159

■ 7.5846, 5.4728,
5.9152

■ 105.0671, 95.0195,
103.1663

■ 3.8799, 2.5272,
2.7256

133.5987,
122.2715, 132.7853

■ 1.6344, 0.8902,
0.9563

166.8779,
154.2915, 167.5913

■ 0.4147, 0.0000,
0.0000

205.2698,

■ 0.0000, 0.0000,

191.4641, 208.0030

0.0000

249.1399,
234.1735, 254.4390

■ 31.1080, 26.0045,
28.1907

■ 31.1080, 26.0045,
28.1907

■ 28.1568, 21.5420,
22.7677

■ 34.5929, 31.3539,
34.3473

■ 25.7100, 17.9146,
18.0484

■ 38.6345, 37.6309,
41.2625

■ 23.7385, 15.0706,
14.0032


■ 43.2571, 44.8784,
48.9621


■ 22.2095, 12.9513,
10.5995


■ 48.4828, 53.1352,
57.4701


■ 21.0856, 11.4894,
7.8019

■ 54.3328, 62.4382,
66.8097


 20.3226, 10.6046,
5.5707

 60.8270, 72.8223,
77.0028

 19.9211, 10.1970,
4.2183

 67.9844, 84.3209,
88.0707

 71.3283, 87.9759,
98.5355

 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



30.2191, 26.0045, 37.5158



31.1080, 26.0045, 28.1907



30.1696, 26.0045, 20.5819

Triad

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



31.1080, 26.0045, 28.1907



21.8440, 26.0045, 16.0858



21.9131, 26.0045, 45.7269

Complementary

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



31.1080, 26.0045, 28.1907



31.6890, 40.3841, 41.7242

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.



19.9635, 26.0045, 37.7754



31.1080, 26.0045, 28.1907



19.9260, 26.0045, 20.7559

Square

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



31.1080, 26.0045, 28.1907



24.6732, 26.0045, 14.5405



19.2665, 26.0045, 28.4386



24.7598, 26.0045, 48.8296

Rectangle

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



31.1080, 26.0045, 28.1907



28.6754, 26.0045, 17.1726



19.2665, 26.0045, 28.4386



21.1398, 26.0045, 43.4610

Sweetspot

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



31.1087, 26.0057, 28.1912



71.8326, 71.0195, 77.8178



30.8993, 25.4692, 47.5436



15.6177, 15.2984, 16.7709



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.1087, 26.0057, 28.1912



52.4288, 41.1298, 43.8569



31.5036, 28.6486, 22.6098



9.1082, 9.0536, 9.9170



14.0934, 7.2111, 3.1128



0.5245, 0.2653, 0.2556

Inverse Universe

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



31.1087, 26.0057, 28.1912



52.4288, 41.1298, 43.8569



31.0251, 36.4137, 49.6495



9.1082, 9.0536, 9.9170



14.0934, 7.2111, 3.1128



0.5245, 0.2653, 0.2556

Previews

White Background



This preview shows how the XYZ color 31.1080, 26.0045, 28.1907 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 31.1080, 26.0045, 28.1907 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 31.1080, 26.0045, 28.1907

Background



This preview shows how black text looks on a background with the XYZ color 31.1080, 26.0045, 28.1907.



This preview shows how white text looks on a background with the XYZ color 31.1080, 26.0045,

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

31.1080, 26.0045, 28.1907

Protanopia

25.4727, 26.2106, 32.1504

Deuteranopia

26.5778, 26.0329, 27.6688



Tritanopia

30.5668, 25.9603, 25.9540

Trichromacy



Original Color

31.1080, 26.0045, 28.1907

Protanomaly

27.0934, 25.8189, 30.7497

Deuteranomaly

28.0863, 25.9892, 27.9622

Tritanomaly

30.7076, 26.0166, 26.6958

Monochromacy



Original Color

31.1080, 26.0045, 28.1907

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5913, 26.7294, 29.2963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1080, 26.0045, 28.1907 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(182, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 140)  
}
```

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(182, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 140) }
```

Border

The CSS property to change the border of an element to XYZ 31.1080, 26.0045, 28.1907 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(182, 123, 140) }
```


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

```
.border{ border-color:rgb(182, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1080, 26.0045, 28.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 140) }
```

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

```
.background{ background-color: rgb(182,  
123, 140) }
```

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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