

Converting Colors

XYZ(31.0441, 28.0667, 27.0681)

Have a look what the booklet for
XYZ(31.0441, 28.0667, 27.0681)
contains.

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Color

**XYZ(31.1005, 28.1749,
27.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	B18688
RGB	177, 134, 136
RGB Percent	69%, 53%, 53%
CMY	0.3059, 0.4745, 0.4667
CMYK	0.00, 0.24, 0.23, 0.31
HSL	357°, 22%, 61%
HSV	357°, 24%, 69%
XYZ	31.1005, 28.1749, 27.0917
YIQ	147.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

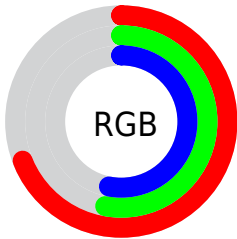
Format	Color
RYB	177, 134, 136
Decimal	11634312
CIELab	60.05, 16.76, 5.32
CIELCh	60, 17.584, 17.617
Yxy	28.1749, 0.3601, 0.3262
Android (android.graphics.Color)	4289824392 (0xFFB18688)
YUV	147.0850, -5.4649, 26.2355
Hunter-Lab	53.0800, 11.6961, 6.8948

Details

The XYZ color **31.1005, 28.1749, 27.0917** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2927, 39.6084, 46.4499**, and the grayscale version is **27.7836, 29.2305, 31.8321**.

A 20% lighter version of the original color is **60.5599, 56.5384, 55.8653**, and **13.0184, 11.2235, 10.2843** is the 20% darker color. If you saturate the color by 10%, you get **27.7493, 23.2431, 20.5153**, and if you desaturate by 10%, it is **35.0517, 34.0038, 34.8007**.

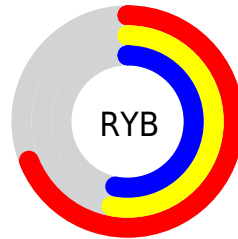
Distribution



Red (69%)

Green (53%)

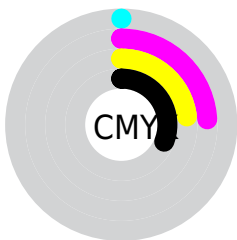
Blue (53%)



Red (69%)

Yellow (53%)

Blue (53%)

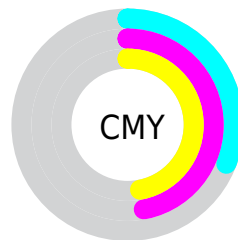


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1005, 28.1749, 27.0917 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 31.1005, 28.1749, 27.0917 by changing the saturation by 10% instead.

■ 31.1005, 28.1749,
27.0917

■ 31.1005, 28.1749,
27.0917

298.8197,
293.3017, 301.8751

■ 20.8276, 18.4575,
17.4091

■ 60.7730, 56.7636,
56.0365

■ 13.1098, 11.2790,
10.3615

■ 80.9034, 76.4036,
76.1358

■ 7.5817, 6.2548,
5.5306

■ 105.0502,
100.1201, 100.5443

■ 3.8780, 3.0006,
2.4977

133.5789,
128.2973, 129.6806

■ 1.6334, 1.1321,
0.8389

166.8549,
161.3197, 163.9633

■ 0.4140, 0.0051,
0.0000

205.2434,

■ 0.0000, 0.0000,

199.5716, 203.8110

0.0000

249.1099,
243.4375, 249.6420

■ 31.1005, 28.1749,
27.0917

■ 31.1005, 28.1749,
27.0917

■ 27.7493, 23.2431,
20.5153

■ 35.0517, 34.0038,
34.8007

■ 24.9664, 19.1602,
15.0165

■ 39.6277, 40.7670,
43.6902

■ 22.7212, 15.8795,
10.5384


■ 44.8547, 48.5045,
53.8075

■ 20.9788, 13.3482,
7.0181


■ 50.7570, 57.2527,
65.1970


■ 19.7004, 11.5071,
4.3858


■ 57.3573, 67.0463,
77.9006


 18.8416, 10.2882,
2.5621

 64.6775, 77.9182,
91.9585

 18.3492, 9.6097,
1.4538

 71.8046, 88.0324,
107.0977

 18.1766, 9.3652,
1.0857

 71.9415, 88.0872,
107.8185

Harmonies

Analogous

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



31.2132, 28.1749, 33.4013



31.1005, 28.1749, 27.0917



29.7908, 28.1749, 22.4341

Triad

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



31.1005, 28.1749, 27.0917



23.7205, 28.1749, 23.0873



25.8658, 28.1749, 44.3811

Complementary

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



31.1005, 28.1749, 27.0917



33.2927, 39.6084, 46.4499

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.



23.9781, 28.1749, 40.7275



31.1005, 28.1749, 27.0917



22.7867, 28.1749, 28.1063

Square

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



31.1005, 28.1749, 27.0917



25.4961, 28.1749, 20.3536



22.8783, 28.1749, 34.5669



28.1050, 28.1749, 44.0090

Rectangle

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



31.1005, 28.1749, 27.0917



28.4542, 28.1749, 20.6218



22.8783, 28.1749, 34.5669



25.1716, 28.1749, 43.5640

Sweetspot

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



31.1013, 28.1762, 27.0923



68.5374, 69.4123, 73.5252



34.1072, 29.3225, 45.4573



14.7486, 14.8881, 15.7310



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.1013, 28.1762, 27.0923



52.4465, 45.6697, 42.1444



33.8840, 33.9666, 27.3262



8.5118, 8.5114, 8.9277



13.1758, 6.7879, 0.8198



0.4198, 0.2157, 0.0535

Inverse Universe

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



31.1013, 28.1762, 27.0923



52.4465, 45.6697, 42.1444



29.9357, 32.5783, 46.3056



8.5118, 8.5114, 8.9277



13.1758, 6.7879, 0.8198



0.4198, 0.2157, 0.0535

Previews

White Background



This preview shows how the XYZ color 31.1005, 28.1749, 27.0917 looks on a white background.

Color Contrast Check

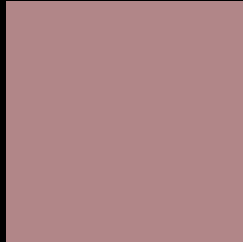
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1005, 28.1749, 27.0917 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 31.1005, 28.1749, 27.0917

Background



This preview shows how black text looks on a background with the XYZ color 31.1005, 28.1749, 27.0917.



This preview shows how white text looks on a background with the XYZ color 31.1005, 28.1749,

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

31.1005, 28.1749, 27.0917

Protanopia

27.0685, 28.1954, 29.6068

Deuteranopia

28.8555, 28.2920, 26.8617



Tritanopia

31.7056, 28.2232, 29.7632

Trichromacy



Original Color

31.1005, 28.1749, 27.0917

Protanomaly

28.4098, 28.0205, 28.7221

Deuteranomaly

29.6101, 28.2511, 26.8140

Tritanomaly

31.4813, 28.1335, 28.5820

Monochromacy



Original Color

31.1005, 28.1749, 27.0917

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7315, 28.5983, 29.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1005, 28.1749, 27.0917 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(177, 134, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 134, 136)  
}
```

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(177, 134, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 134, 136) }
```

Border

The CSS property to change the border of an element to XYZ 31.1005, 28.1749, 27.0917 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(177, 134, 136) }
```


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

```
.border{ border-color:rgb(177, 134, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 134, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 134, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 134, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 134,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1005, 28.1749, 27.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 134, 136) }
```

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

```
.background{ background-color: rgb(177,  
134, 136) }
```

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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