

Converting Colors

XYZ(27.1059, 30.0966, 18.6805)

Have a look what the booklet for
XYZ(27.1059, 30.0966, 18.6805)
contains.

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Color

**XYZ(27.0998, 30.0860,
18.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	9A976C
RGB	154, 151, 108
RGB Percent	60%, 59%, 42%
CMY	0.3961, 0.4078, 0.5765
CMYK	0.00, 0.02, 0.30, 0.40
HSL	56°, 19%, 51%
HSV	56°, 30%, 60%
XYZ	27.0998, 30.0860, 18.5662
YIQ	146.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

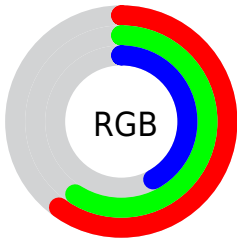
Format	Color
RYB	111, 154, 108
Decimal	10131308
CIELab	61.73, -5.95, 23.11
CIELCh	62, 23.863, 104.433
Yxy	30.0860, 0.3577, 0.3972
Android (android.graphics.Color)	4288321388 (0xFF9A976C)
YUV	146.9950, -19.2245, 6.1434
Hunter-Lab	54.8507, -7.7982, 18.3267

Details

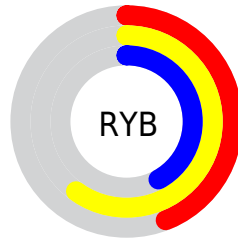
The XYZ color **27.0998, 30.0860, 18.5662** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7014, 16.8896, 32.8989**, and the grayscale version is **27.8042, 29.2522, 31.8557**.

A 20% lighter version of the original color is **54.4710, 59.7560, 41.9208**, and **10.8523, 12.2654, 6.0704** is the 20% darker color. If you saturate the color by 10%, you get **26.1912, 29.4664, 14.5708**, and if you desaturate by 10%, it is **28.1562, 30.7690, 23.3259**.

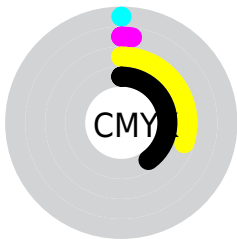
Distribution



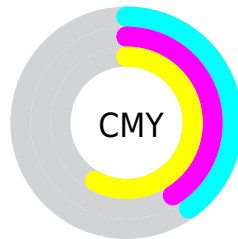
- Red (60%)
- Green (59%)
- Blue (42%)



- Red (44%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0998, 30.0860, 18.5662 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 27.0998, 30.0860, 18.5662 by changing the saturation by 10% instead.

■ 27.0998, 30.0860,
18.5662

■ 27.0998, 30.0860,
18.5662

280.2988,
302.3051, 256.3858

■ 17.7852, 19.9039,
11.1836

■ 54.4627, 59.7982,
41.8267

■ 10.8946, 12.3252,
6.0748

■ 73.2417, 80.0970,
58.5416

■ 6.0628, 6.9655,
2.8211

■ 95.9062, 104.5368,
79.2045

■ 2.9243, 3.4406,
1.0040

■ 122.8216,
133.5021, 104.2337

■ 1.1139, 1.3658,
0.0000

154.3532,
167.3771, 134.0480

■ 0.0367, 0.1913,
0.0000

190.8663,

■ 0.0000, 0.0000,

206.5464, 169.0657

0.0000

232.7264,
251.3943, 209.7054

■ 27.0998, 30.0860,
18.5662

■ 27.0998, 30.0860,
18.5662

■ 26.1912, 29.4664,
14.5708

■ 28.1562, 30.7690,
23.3259

■ 25.4203, 28.9031,
11.2976

■ 29.3650, 31.5141,
28.8852

■ 24.7797, 28.3940,
8.7035

■ 30.7337, 32.3254,
35.2794

■ 24.2601, 27.9356,
6.7399

■ 32.2685, 33.2053,
42.5413

■ 23.8510, 27.5235,
5.3519

■ 33.9752, 34.1562,
50.7018

■ 23.5404, 27.1530,
4.4751

■ 35.8594, 35.1803,
59.7903

■ 23.2983, 26.8121,
3.9531

■ 37.9265, 36.2798,
69.8349

■ 23.2952, 26.8076,
3.9466

■ 40.1816, 37.4567,
80.8626

■ 42.6296, 38.7131,
92.8991

Harmonies

Analogous

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



30.2671, 30.0860, 18.6277



27.0998, 30.0860, 18.5662



24.5281, 30.0860, 21.7845

Triad

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



27.0998, 30.0860, 18.5662



24.4509, 30.0860, 46.5996



34.8949, 30.0860, 37.6827

Complementary

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



27.0998, 30.0860, 18.5662



17.7014, 16.8896, 32.8989

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.



33.0902, 30.0860, 46.9101



27.0998, 30.0860, 18.5662



26.9872, 30.0860, 52.6723

Square

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



27.0998, 30.0860, 18.5662



23.0773, 30.0860, 37.3165



30.1460, 30.0860, 52.7954



34.9307, 30.0860, 28.5877

Rectangle

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



27.0998, 30.0860, 18.5662



23.4306, 30.0860, 25.7720



30.1460, 30.0860, 52.7954



34.4694, 30.0860, 40.9057

Sweetspot

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



27.1006, 30.0874, 18.5668



53.5058, 57.3456, 53.2230



21.5621, 18.7446, 17.5402



12.0382, 12.9361, 11.7103



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.1006, 30.0874, 18.5668



48.0705, 53.8716, 28.6085



24.1047, 29.2678, 18.5665



6.6745, 7.1540, 6.6349



18.9893, 21.8610, 3.2188



0.2928, 0.3447, 0.0511

Inverse Universe

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



17.7014, 16.8896, 32.8989



28.1149, 25.8536, 59.0447



20.0876, 17.6426, 32.9185



5.9152, 6.0877, 7.7923



4.8512, 2.0991, 25.0572



0.0801, 0.0464, 0.3771

Previews

White Background



This preview shows how the XYZ color 27.0998, 30.0860, 18.5662 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.0998, 30.0860, 18.5662 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 ✓ Pass

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

XYZ 27.0998, 30.0860, 18.5662

Background



This preview shows how black text looks on a background with the XYZ color 27.0998, 30.0860, 18.5662.



This preview shows how white text looks on a background with the XYZ color 27.0998, 30.0860,

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

27.0998, 30.0860, 18.5662

Protanopia

27.8985, 30.0300, 18.2359

Deuteranopia

30.5414, 30.0008, 18.9329



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

27.0998, 30.0860, 18.5662

Protanomaly

27.6607, 30.1433, 18.2703

Deuteranomaly

29.1877, 29.9867, 18.7177

Tritanomaly

29.1945, 30.0006, 28.6781

Monochromacy



Original Color

27.0998, 30.0860, 18.5662

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4012, 29.3573, 26.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0998, 30.0860, 18.5662 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(154, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 108)  
}
```

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(154, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 108) }
```

Border

The CSS property to change the border of an element to XYZ 27.0998, 30.0860, 18.5662 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(154, 151, 108) }
```


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

```
.border{ border-color:rgb(154, 151, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0998, 30.0860, 18.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 108) }
```

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

```
.background{ background-color: rgb(154,  
151, 108) }
```

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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