

Converting Colors

XYZ(29.0879, 27.3402, 17.6649)

Have a look what the booklet for
XYZ(29.0879, 27.3402, 17.6649)
contains.

XYZ(29.0834, 27.3418, 17.6546)	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(29.0834, 27.3418,
17.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	B0866B
RGB	176, 134, 107
RGB Percent	69%, 53%, 42%
CMY	0.3098, 0.4745, 0.5804
CMYK	0.00, 0.24, 0.39, 0.31
HSL	23°, 30%, 55%
HSV	23°, 39%, 69%
XYZ	29.0834, 27.3418, 17.6546
YIQ	143.4800, 33.6990, 0.5070

Conversions

Conversions Part 2

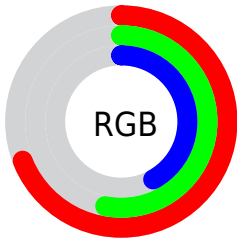
Format	Color
R _Y B	176, 151, 107
Decimal	11568747
CIE Lab	59.29, 12.41, 20.75
CIE LCh	59, 24.176, 59.125
Yxy	27.3418, 0.3926, 0.3691
Android (android.graphics.Color)	4289758827 (0xFFB0866B)
YUV	143.4800, -17.9846, 28.5200
Hunter-Lab	52.2894, 7.7754, 16.5843

Details

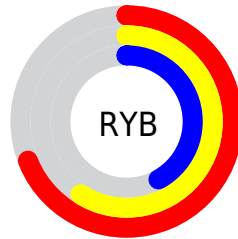
The XYZ color **29.0834, 27.3418, 17.6546** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.6469, 27.7543, 45.1323**, and the grayscale version is **26.3613, 27.7341, 30.2025**.

A 20% lighter version of the original color is **57.6326, 55.3675, 40.4503**, and **11.9858, 10.7940, 5.5894** is the 20% darker color. If you saturate the color by 10%, you get **26.8438, 24.1967, 12.7954**, and if you desaturate by 10%, it is **31.6629, 30.8649, 23.5575**.

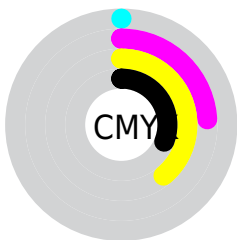
Distribution



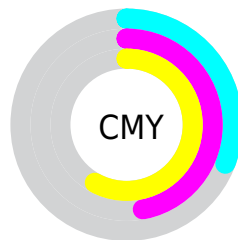
- Red (69%)
- Green (53%)
- Blue (42%)



- Red (69%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0834, 27.3418, 17.6546 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 29.0834, 27.3418, 17.6546 by changing the saturation by 10% instead.


 29.0834, 27.3418,
17.6546


 29.0834, 27.3418,
17.6546


289.5954,
289.3083, 251.0873


 19.2885, 17.8301,
10.5354

 57.6062, 55.4319,
40.2538


 11.9842, 10.8281,
5.6452


 77.0648, 74.7790,
56.5710

 6.8050, 5.9513,
2.5653


 100.4754, 98.1734,
76.7912

 3.3857, 2.8155,
0.8744

 128.2034,
125.9995, 101.3330

 1.3609, 1.0362,
0.0000

160.6140,
158.6416, 130.6150

 0.2281, 0.0000,
0.0000

198.0726,

 0.0000, 0.0000,

196.4842, 165.0557

0.0000

240.9446,
239.9116, 205.0736

■ 29.0834, 27.3418,
17.6546

■ 29.0834, 27.3418,
17.6546

■ 26.8438, 24.1967,
12.7954

■ 31.6629, 30.8649,
23.5575

■ 24.9261, 21.4122,
8.9162

■ 34.5949, 34.7748,
30.5594

■ 23.3135, 18.9752,
5.9487

■ 37.8941, 39.0848,
38.7136

■ 21.9866, 16.8701,
3.8151

■ 41.5734, 43.8066,
48.0694

■ 20.9233, 15.0797,
2.4241

■ 45.6453, 48.9511,
58.6733

■ 20.0856, 13.5800,
1.6028

■ 50.1216, 54.5289,
70.5692

■ 20.0251, 13.4715,
1.5448

■ 55.0135, 60.5501,
83.7990

■ 60.3317, 67.0247,
98.4026

■ 64.3664, 73.2740,
105.3586

Harmonies

Analogous

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



31.3985, 27.3418, 22.3864



29.0834, 27.3418, 17.6546



26.0763, 27.3418, 16.0438

Triad

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



29.0834, 27.3418, 17.6546



20.6021, 27.3418, 29.5173



28.9182, 27.3418, 46.7932

Complementary

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



29.0834, 27.3418, 17.6546



24.6469, 27.7543, 45.1323

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.



25.8990, 27.3418, 49.6917



29.0834, 27.3418, 17.6546



21.2370, 27.3418, 38.6225

Square

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



29.0834, 27.3418, 17.6546



21.3146, 27.3418, 22.0246



23.1196, 27.3418, 46.4507



31.2980, 27.3418, 39.1481

Rectangle

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



29.0834, 27.3418, 17.6546



24.1307, 27.3418, 16.6582



23.1196, 27.3418, 46.4507



27.9373, 27.3418, 48.4136

Sweetspot

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



29.0841, 27.3431, 17.6551



66.8572, 68.4596, 65.5426



28.6312, 21.9333, 31.3892



14.3232, 14.6202, 13.7926



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.



29.0841, 27.3431, 17.6551



49.2116, 44.6334, 24.3154



34.5518, 38.2785, 19.4777



8.7601, 9.0327, 8.9343



14.7463, 9.9912, 1.1513



0.5217, 0.4297, 0.0555

Inverse Universe

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



24.6469, 27.7543, 45.1323



40.0183, 45.4583, 81.1604



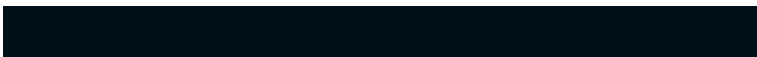
20.0366, 18.5336, 43.5955



8.4579, 9.0620, 10.8097



9.6748, 10.1501, 31.5862



0.3592, 0.4289, 1.0121

Previews

White Background



This preview shows how the XYZ color 29.0834, 27.3418, 17.6546 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 29.0834, 27.3418, 17.6546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

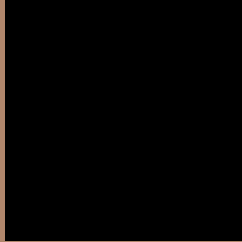
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0834, 27.3418, 17.6546

Background



This preview shows how black text looks on a background with the XYZ color 29.0834, 27.3418, 17.6546.



This preview shows how white text looks on a background with the XYZ color 29.0834, 27.3418,

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

29.0834, 27.3418, 17.6546

Protanopia

25.6406, 27.4680, 18.9894

Deuteranopia

27.9094, 27.3669, 17.4470



Tritanopia

31.2332, 27.4130, 28.0712

Trichromacy



Original Color

29.0834, 27.3418, 17.6546

Protanomaly

26.8905, 27.4590, 18.6347

Deuteranomaly

28.4189, 27.4196, 17.4303

Tritanomaly

30.3072, 27.2299, 23.7372

Monochromacy



Original Color

29.0834, 27.3418, 17.6546

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9249, 27.3364, 24.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0834, 27.3418, 17.6546 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(176, 134, 107)` looks like.

```
.text, #text, p{  
    color:rgb(176, 134, 107)  
}
```

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(176, 134, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 134, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.0834, 27.3418, 17.6546 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(176, 134, 107) }
```


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

```
.border{ border-color:rgb(176, 134, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 134, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 134, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 134, 107);  
box-shadow:4px 4px 4px 4px rgb(176, 134,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0834, 27.3418, 17.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 134, 107) }
```

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

```
.background{ background-color: rgb(176,  
134, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor