

Converting Colors

XYZ(28.0418, 27.4161, 5.8123)

Have a look what the booklet for
XYZ(28.0418, 27.4161, 5.8123)
contains.

| | |
|--|----|
| XYZ(28.0096, 27.4648, 5.8325) | 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(28.0096, 27.4648,
5.8325)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B48828 |
| RGB | 180, 136, 40 |
| RGB Percent | 71%, 53%, 16% |
| CMY | 0.2941, 0.4666, 0.8431 |
| CMYK | 0.00, 0.24, 0.78, 0.29 |
| HSL | 41°, 64%, 43% |
| HSV | 41°, 78%, 71% |
| XYZ | 28.0096, 27.4648, 5.8325 |
| YIQ | 138.2120, 57.0400, -20.5280 |

Conversions

Conversions Part 2

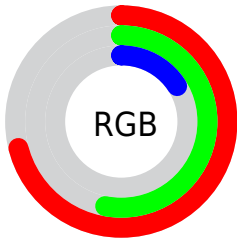
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 180, 40 |
| Decimal | 11831336 |
| CIELab | 59.40, 7.72, 54.61 |
| CIElCh | 59, 55.154, 81.952 |
| Yxy | 27.4648, 0.4569, 0.4480 |
| Android (android.graphics.Color) | 4290021416 (0xFFB48828) |
| YUV | 138.2120, -48.4185, 36.6481 |
| Hunter-Lab | 52.4069, 3.6899, 30.0863 |

Details

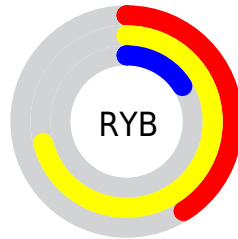
The XYZ color **28.0096, 27.4648, 5.8325** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.2836, 10.0869, 44.4794**, and the grayscale version is **24.4032, 25.6740, 27.9590**.

A 20% lighter version of the original color is **55.7700, 55.5362, 18.1361**, and **11.5766, 11.0273, 1.5183** is the 20% darker color. If you saturate the color by 10%, you get **26.9962, 25.8192, 4.3200**, and if you desaturate by 10%, it is **29.2088, 29.2542, 8.1107**.

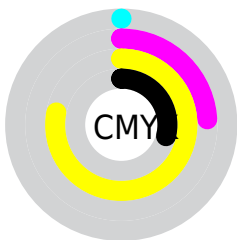
Distribution



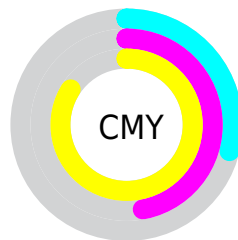
- Red (71%)
- Green (53%)
- Blue (16%)



- Red (41%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (29%)





- Cyan (29%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0096, 27.4648, 5.8325 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 28.0096, 27.4648, 5.8325 by changing the saturation by 10% instead.


 28.0096, 27.4648,
5.8325


 28.0096, 27.4648,
5.8325

284.5920,
289.9006, 166.8207


 18.4734, 17.9226,
2.6764


 55.9083, 55.6288,
18.0539


 11.3921, 10.8944,
0.9315


 75.0015, 75.0195,
27.9562

 6.4005, 5.9959,
0.0000


 98.0111, 98.4617,
40.9443

 3.1330, 2.8426,
0.0000

 125.3024,
126.3399, 57.4367

 1.2245, 1.0501,
0.0000

 157.2408,
159.0385, 77.8520

 0.1256, 0.0000,
0.0000

 194.1916,

 0.0000, 0.0000,

196.9419, 102.6087

0.0000

236.5202,
240.4345, 132.1255

■ 28.0096, 27.4648,
5.8325

■ 28.0096, 27.4648,
5.8325

■ 26.9962, 25.8192,
4.3200

■ 29.2088, 29.2542,
8.1107

■ 26.1389, 24.3013,
3.4279

■ 30.6102, 31.1916,
11.2454

■ 25.9591, 23.9769,
3.2598

■ 32.2300, 33.2857,
15.3166

■ 34.0820, 35.5429,
20.3945

■ 36.1789, 37.9692,
26.5424

■ 38.5323, 40.5702,
33.8185

■ 41.1529, 43.3511,
42.2768

■ 44.0508, 46.3169,
51.9677

■ 47.2356, 49.4721,
62.9389

Harmonies

Analogous

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



35.1818, 27.4648, 8.8302



28.0096, 27.4648, 5.8325



21.4448, 27.4648, 6.6718

Triad

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



28.0096, 27.4648, 5.8325



15.6165, 27.4648, 46.5089



38.0311, 27.4648, 60.0305

Complementary

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



28.0096, 27.4648, 5.8325



12.2836, 10.0869, 44.4794

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.



31.3945, 27.4648, 80.9189



28.0096, 27.4648, 5.8325



18.7405, 27.4648, 71.0066

Square

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



28.0096, 27.4648, 5.8325



15.0328, 27.4648, 24.8862



24.2877, 27.4648, 85.6385



41.5984, 27.4648, 35.5558

Rectangle

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



28.0096, 27.4648, 5.8325



18.1899, 27.4648, 9.5901



24.2877, 27.4648, 85.6385



36.0349, 27.4648, 68.0811

Sweetspot

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



28.0102, 27.4662, 5.8330



67.4118, 70.8736, 53.6507



21.1947, 11.8665, 9.6300



14.2501, 14.9609, 10.6181



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.0102, 27.4662, 5.8330



47.8684, 44.9182, 6.6541



30.0943, 39.6985, 8.0843



8.9673, 9.4471, 9.0034



18.1801, 16.8588, 2.2959



0.6214, 0.6292, 0.0887

Inverse Universe

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



12.2836, 10.0869, 44.4794



18.4060, 12.5838, 79.7534



11.2217, 5.9599, 43.7388



8.2527, 8.6515, 10.7413



6.8101, 4.4205, 30.6313



0.2679, 0.2463, 0.9817

Previews

White Background



This preview shows how the XYZ color 28.0096, 27.4648, 5.8325 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 28.0096, 27.4648, 5.8325 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 28.0096, 27.4648, 5.8325

Background



This preview shows how black text looks on a background with the XYZ color 28.0096, 27.4648, 5.8325.



This preview shows how white text looks on a background with the XYZ color 28.0096, 27.4648,

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

28.0096, 27.4648, 5.8325

Protanopia

25.0891, 27.6908, 6.2130

Deuteranopia

28.0096, 27.4648, 5.8325



Tritanopia

32.3544, 27.4240, 27.2550

Trichromacy



Original Color

28.0096, 27.4648, 5.8325

Protanomaly

26.0736, 27.5347, 6.0383

Deuteranomaly

28.0096, 27.4648, 5.8325

Tritanomaly

30.1481, 27.1149, 16.2151

Monochromacy



Original Color

28.0096, 27.4648, 5.8325

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4808, 25.6229, 16.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0096, 27.4648, 5.8325 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(180, 136, 40)` looks like.

```
.text, #text, p{  
    color:rgb(180, 136, 40)  
}
```

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(180, 136, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 136, 40) }
```

Border

The CSS property to change the border of an element to XYZ 28.0096, 27.4648, 5.8325 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(180, 136, 40) }
```


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

```
.border{ border-color:rgb(180, 136, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 136, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 136, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 136, 40);  
box-shadow:4px 4px 4px 4px rgb(180, 136,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0096, 27.4648, 5.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 136, 40) }
```

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

```
.background{ background-color: rgb(180,  
136, 40) }
```

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