

Converting Colors

XYZ(30.7784, 27.9154, 8.4566)

Have a look what the booklet for
XYZ(30.7784, 27.9154, 8.4566)
contains.

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Color

**XYZ(30.8867, 28.0679,
8.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	C0843F
RGB	192, 132, 63
RGB Percent	75%, 52%, 25%
CMY	0.2471, 0.4823, 0.7529
CMYK	0.00, 0.31, 0.67, 0.25
HSL	32°, 51%, 50%
HSV	32°, 67%, 75%
XYZ	30.8867, 28.0679, 8.4924
YIQ	142.0740, 57.9090, -8.7390

Conversions

Conversions Part 2

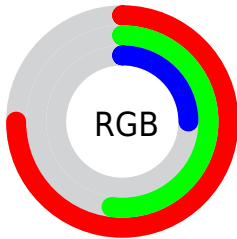
Format	Color
R_{YB}	175, 192, 63
Decimal	12616767
CIE _{Lab}	59.95, 16.38, 45.50
CIE _{LCh}	60, 48.357, 70.196
Yxy	28.0679, 0.4579, 0.4161
Android (android.graphics.Color)	4290806847 (0xFFC0843F)
YUV	142.0740, -38.9835, 43.7851
Hunter-Lab	52.9791, 11.3515, 27.5814

Details

The XYZ color **30.8867, 28.0679, 8.4924** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **18.6469, 19.0276, 52.5587**, and the grayscale version is **25.8746, 27.2221, 29.6448**.

A 20% lighter version of the original color is **60.4745, 56.5856, 23.3576**, and **12.9092, 11.1271, 1.7840** is the 20% darker color. If you saturate the color by 10%, you get **29.2814, 25.5715, 5.7559**, and if you desaturate by 10%, it is **32.7841, 30.8492, 12.2496**.

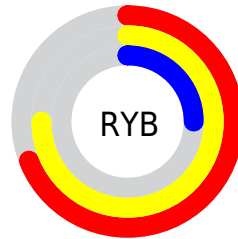
Distribution



Red (75%)

Green (52%)

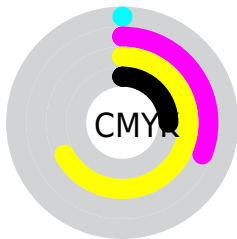
Blue (25%)



Red (69%)

Yellow (75%)

Blue (25%)

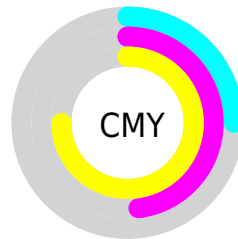


Cyan (0%)

Magenta (31%)

Yellow (67%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8867, 28.0679, 8.4924 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 30.8867, 28.0679, 8.4924 by changing the saturation by 10% instead.


 30.8867, 28.0679,
8.4924


 30.8867, 28.0679,
8.4924


297.8522,
292.7912, 189.6212


 20.6640, 18.3768,
4.3193


 60.4387, 56.5928,
23.4801


 12.9897, 11.2209,
1.8021


 80.4987, 76.1955,
35.1319


 7.4984, 6.2156,
0.4294


 104.5685, 99.8708,
50.1137

 3.8248, 2.9766,
0.0000

 133.0135,
128.0032, 68.8440

 1.6035, 1.1195,
0.0000

 166.1990,
160.9771, 91.7413

 0.3947, 0.0000,
0.0000

 204.4904,

 0.0000, 0.0000,

199.1767, 119.2243

0.0000

248.2530,
242.9867, 151.7114

■ 30.8867, 28.0679,
8.4924

■ 30.8867, 28.0679,
8.4924

■ 29.2814, 25.5715,
5.7559

■ 32.7841, 30.8492,
12.2496

■ 27.9431, 23.3426,
3.9302

■ 34.9915, 33.9233,
17.1191

■ 26.8414, 21.3656,
2.8644

■ 37.5276, 37.3026,
23.1837

■ 26.5590, 20.8482,
2.6243

■ 40.4087, 40.9973,
30.5180

■ 43.6499, 45.0170,
39.1903

■ 47.2653, 49.3710,
49.2642

■ 51.2682, 54.0679,
60.7991

■ 55.6711, 59.1161,
73.8508

■ 60.4859, 64.5237,
88.4723

Harmonies

Analogous

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



36.7648, 28.0679, 13.5039



30.8867, 28.0679, 8.4924



24.6392, 28.0679, 7.8826

Triad

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



30.8867, 28.0679, 8.4924



16.6521, 28.0679, 36.9549



35.0581, 28.0679, 64.4028

Complementary

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



30.8867, 28.0679, 8.4924



18.6469, 19.0276, 52.5587

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.



28.8256, 28.0679, 77.4615



30.8867, 28.0679, 8.4924



18.6282, 28.0679, 58.0345

Square

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



30.8867, 28.0679, 8.4924



17.0292, 28.0679, 20.4658



22.8696, 28.0679, 74.7651



39.4178, 28.0679, 43.5268

Rectangle

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



30.8867, 28.0679, 8.4924



21.1625, 28.0679, 9.6446



22.8696, 28.0679, 74.7651



33.0764, 28.0679, 70.1574

Sweetspot

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



30.8874, 28.0693, 8.4929



77.1794, 79.2217, 65.8181



27.1035, 16.1968, 20.5027



16.1988, 16.5513, 13.1584



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.8874, 28.0693, 8.4929



51.7594, 44.2108, 8.5460



40.4119, 48.7112, 11.9752



10.5093, 10.9501, 10.6215



17.9501, 14.1859, 1.7921



0.8440, 0.7498, 0.1002

Inverse Universe

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



18.6469, 19.0276, 52.5587



28.0511, 26.7454, 94.0442



13.6275, 8.5650, 50.8038



9.9058, 10.5028, 12.7900



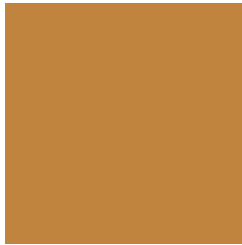
8.8990, 7.5545, 34.5457



0.4534, 0.4642, 1.5156

Previews

White Background



This preview shows how the XYZ color 30.8867, 28.0679, 8.4924 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 30.8867, 28.0679, 8.4924 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 30.8867, 28.0679, 8.4924

Background



This preview shows how black text looks on a background with the XYZ color 30.8867, 28.0679, 8.4924.



This preview shows how white text looks on a background with the XYZ color 30.8867, 28.0679,

8.4924.

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

30.8867, 28.0679, 8.4924

Protanopia

25.8365, 28.2331, 9.3980

Deuteranopia

28.7532, 28.2172, 8.3459



Tritanopia

34.5367, 28.0069, 26.1398

Trichromacy



Original Color

30.8867, 28.0679, 8.4924

Protanomaly

27.3747, 27.9202, 9.1006

Deuteranomaly

29.4408, 28.1465, 8.4385

Tritanomaly

32.8018, 27.8636, 17.8367

Monochromacy



Original Color

30.8867, 28.0679, 8.4924

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5663, 26.8428, 19.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8867, 28.0679, 8.4924 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(192, 132, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 63)  
}
```

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(192, 132, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 63) }
```

Border

The CSS property to change the border of an element to XYZ 30.8867, 28.0679, 8.4924 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(192, 132, 63) }
```


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

```
.border{ border-color:rgb(192, 132, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8867, 28.0679, 8.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 63) }
```

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

```
.background{ background-color: rgb(192,  
132, 63) }
```

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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