

Converting Colors

$Y_{xy}(27.4787, 0.4631, 0.4015)$

Have a look what the booklet for
Yxy(27.4787, 0.4631, 0.4015)
contains.

Yxy(27.4787, 0.4631, 0.4015)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4787, 0.4631, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	C57F45
RGB	197, 127, 69
RGB Percent	77%, 50%, 27%
CMY	0.2274, 0.5020, 0.7293
CMYK	0.00, 0.36, 0.65, 0.23
HSL	27°, 52%, 52%
HSV	27°, 65%, 77%
XYZ	31.6946, 27.4787, 9.2668
YIQ	141.3180, 60.3380, -3.1980

Conversions

Conversions Part 2

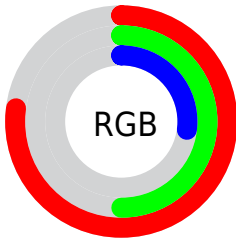
Format	Color
RYB	197, 175, 69
Decimal	12943173
CIELab	59.41, 21.66, 42.05
CIElCh	59, 47.303, 62.746
Yxy	27.4787, 0.4631, 0.4015
Android (android.graphics.Color)	4291133253 (0xFFC57F45)
YUV	141.3180, -35.6528, 48.8331
Hunter-Lab	52.4201, 16.1906, 26.2129

Details

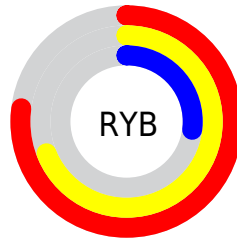
The Yxy color **27.4787, 0.4631, 0.4015** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **23.7786, 0.2138, 0.2335**, and the grayscale version is **26.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2344, 0.4318, 0.3916**, and **10.8509, 0.5093, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **24.6378, 0.4926, 0.4064**, and if you desaturate by 10%, it is **30.7015, 0.4337, 0.3930**.

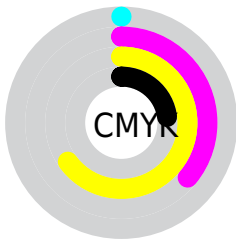
Distribution



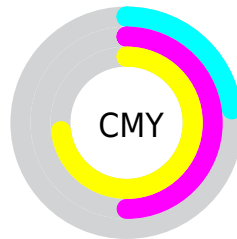
- Red (77%)
- Green (50%)
- Blue (27%)



- Red (77%)
- Yellow (69%)
- Blue (27%)



- Cyan (0%)
- Magenta (36%)
- Yellow (65%)
- Black (23%)




- Cyan (23%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4787, 0.4631, 0.4015 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 Yxy color 27.4787, 0.4631, 0.4015 by changing the saturation by 10% instead.


 27.4787, 0.4631,
0.4015


 27.4787, 0.4631,
0.4015


289.9675, 0.3830,
0.3684


 17.9331, 0.4833,
0.4073


 55.6511, 0.4335,
0.3910

 10.9019, 0.5087,
0.4125


 75.0466, 0.4224,
0.3865


 6.0009, 0.5419,
0.4161

 98.4942, 0.4132,
0.3825

 2.8456, 0.5860,
0.4140

 126.3783, 0.4053,
0.3790

 1.0517, 0.6202,
0.3798

 159.0833, 0.3985,
0.3759

 0.0000, 1.0000,
0.0000

196.9936, 0.3927,

 0.0000, 0.0000,

0.3731

0.0000

240.4935, 0.3876,
0.3706

■ 27.4787, 0.4631,
0.4015

■ 27.4787, 0.4631,
0.4015

■ 24.6378, 0.4926,
0.4064

■ 30.7015, 0.4337,
0.3930

■ 22.1569, 0.5203,
0.4066

■ 34.3183, 0.4059,
0.3823

■ 20.0174, 0.5442,
0.4013

■ 38.3453, 0.3805,
0.3704

■ 19.0566, 0.5552,
0.3974

■ 42.7967, 0.3578,
0.3581

■ 47.6857, 0.3378,
0.3460

■ 53.0251, 0.3205,
0.3345

■ 58.8267, 0.3054,
0.3237

■ 65.1023, 0.2924,
0.3136

■ 71.8629, 0.2812,
0.3044

Harmonies

Analogous

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



27.4787, 0.4621, 0.3439



27.4787, 0.4631, 0.4015



27.4787, 0.4208, 0.4521

Triad

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



27.4787, 0.4631, 0.4015



27.4787, 0.2165, 0.3649



27.4787, 0.2583, 0.2165

Complementary

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



27.4787, 0.4631, 0.4015



23.7786, 0.2138, 0.2335

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.



27.4787, 0.2052, 0.2114



27.4787, 0.4631, 0.4015



27.4787, 0.1831, 0.2850

Square

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



27.4787, 0.4631, 0.4015



27.4787, 0.2779, 0.4430



27.4787, 0.1799, 0.2327



27.4787, 0.3341, 0.2440

Rectangle

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



27.4787, 0.4631, 0.4015



27.4787, 0.3771, 0.4721



27.4787, 0.1799, 0.2327



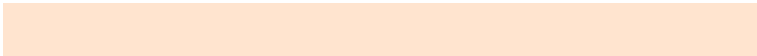
27.4787, 0.2376, 0.2121

Sweetspot

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



27.4801, 0.4631, 0.4015



81.5012, 0.3461, 0.3512



18.0087, 0.4015, 0.2422



16.9043, 0.3520, 0.3547



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.4801, 0.4631, 0.4015



42.1598, 0.5047, 0.4071



49.4009, 0.4063, 0.4706



11.4149, 0.3278, 0.3395



12.6934, 0.5530, 0.3991



0.7453, 0.5182, 0.4268

Inverse Universe

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



23.7786, 0.2138, 0.2335



34.9451, 0.1976, 0.2084



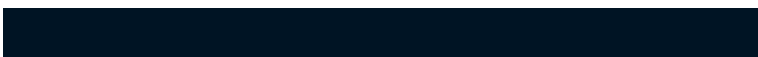
10.3877, 0.1897, 0.1306



11.2331, 0.2983, 0.3183



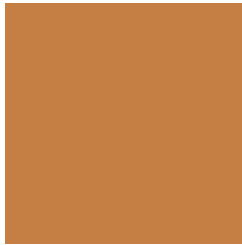
9.8443, 0.1820, 0.1752



0.6095, 0.1917, 0.2103

Previews

White Background



This preview shows how the Yxy color 27.4787, 0.4631, 0.4015 looks on a white background.

Color Contrast Check

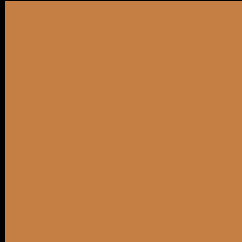
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 27.4787, 0.4631, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

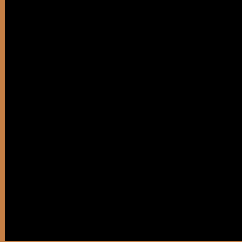
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4787, 0.4631, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 27.4787, 0.4631, 0.4015.



This preview shows how white text looks on a background with the Yxy color 27.4787, 0.4631, 0.4015.

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

27.4787, 0.4631, 0.4015

Protanopia

27.7100, 0.3985, 0.4363

Deuteranopia

27.6437, 0.4328, 0.4259



Tritanopia

27.4354, 0.4022, 0.3174

Trichromacy



Original Color

27.4787, 0.4631, 0.4015

Protanomaly

27.4155, 0.4217, 0.4239

Deuteranomaly

27.3828, 0.4438, 0.4162

Tritanomaly

27.5068, 0.4274, 0.3503

Monochromacy



Original Color

27.4787, 0.4631, 0.4015

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4232, 0.3646, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4787, 0.4631, 0.4015 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(197, 127, 69)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 69)  
}
```

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(197, 127, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 69) }
```

Border

The CSS property to change the border of an element to Yxy 27.4787, 0.4631, 0.4015 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(197, 127, 69) }
```

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

```
.border{ border-color:rgb(197, 127, 69) }
```

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

Here you see how a box with a 4 pixel rgb(197, 127, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 69);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4787, 0.4631, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 69) }
```

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

```
.background{ background-color: rgb(197,  
127, 69) }
```

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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