

Converting Colors

$Y_{xy}(27.3654, 0.4551, 0.3911)$

Have a look what the booklet for
Yxy(27.3654, 0.4551, 0.3911)
contains.

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Color

Yxy(27.3421, 0.4551, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	C57E4E
RGB	197, 126, 78
RGB Percent	77%, 49%, 31%
CMY	0.2274, 0.5059, 0.6940
CMYK	0.00, 0.36, 0.60, 0.23
HSL	24°, 51%, 54%
HSV	24°, 60%, 77%
XYZ	31.8653, 27.3421, 10.8108
YIQ	141.7570, 57.7240, 0.1240

Conversions

Conversions Part 2

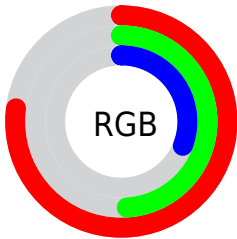
Format	Color
R_{YB}	197, 158, 78
Decimal	12942926
CIE Lab	59.29, 22.82, 37.20
CIE LCh	59, 43.642, 58.470
Yxy	27.3421, 0.4551, 0.3905
Android (android.graphics.Color)	4291133006 (0xFFC57E4E)
YUV	141.7570, -31.4322, 48.4481
Hunter-Lab	52.2897, 17.2708, 24.3447

Details

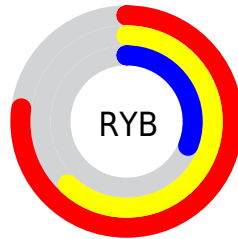
The Yxy color **27.3421, 0.4551, 0.3905** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **27.1614, 0.2221, 0.2516**, and the grayscale version is **27.0603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0587, 0.4250, 0.3820**, and **10.7568, 0.5011, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **24.2694, 0.4871, 0.3961**, and if you desaturate by 10%, it is **30.8557, 0.4244, 0.3820**.

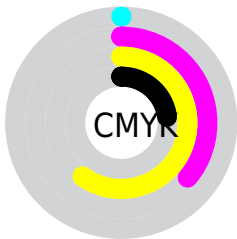
Distribution



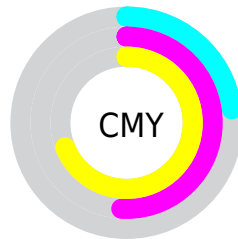
- Red (77%)
- Green (49%)
- Blue (31%)



- Red (77%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (60%)
- Black (23%)




- Cyan (23%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3421, 0.4551, 0.3905 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 27.3421, 0.4551, 0.3905 by changing the saturation by 10% instead.


 27.3421, 0.4551,
0.3905

 27.3421, 0.4551,
0.3905


289.3097, 0.3785,
0.3623


 17.8303, 0.4751,
0.3956


 55.4323, 0.4264,
0.3814


 10.8282, 0.5007,
0.4004


 74.7796, 0.4158,
0.3776

 5.9515, 0.5339,
0.4031

 98.1741, 0.4070,
0.3742

 2.8156, 0.5911,
0.4089

 126.0003, 0.3995,
0.3712

 1.0362, 0.6270,
0.3730

 158.6426, 0.3931,
0.3686

 0.0000, 1.0000,
0.0000

196.4853, 0.3876,

 0.0000, 0.0000,

0.3662

0.0000

239.9129, 0.3827,
0.3641

■ 27.3421, 0.4551,
0.3905

■ 27.3421, 0.4551,
0.3905

■ 24.2694, 0.4871,
0.3961

■ 30.8557, 0.4244,
0.3820

■ 21.6134, 0.5184,
0.3975

■ 34.8246, 0.3961,
0.3719

■ 19.3534, 0.5466,
0.3938

■ 39.2672, 0.3709,
0.3610

■ 17.5257, 0.5695,
0.3860

■ 44.2000, 0.3488,
0.3500

■ 49.6381, 0.3297,
0.3394

■ 55.5962, 0.3133,
0.3294

■ 62.0885, 0.2992,
0.3201

■ 69.1283, 0.2872,
0.3115

■ 76.7067, 0.2770,
0.3040

Harmonies

Analogous

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



27.3421, 0.4469, 0.3363



27.3421, 0.4551, 0.3905



27.3421, 0.4215, 0.4387

Triad

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



27.3421, 0.4551, 0.3905



27.3421, 0.2303, 0.3737



27.3421, 0.2538, 0.2216

Complementary

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



27.3421, 0.4551, 0.3905



27.1614, 0.2221, 0.2516

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.



27.3421, 0.2072, 0.2204



27.3421, 0.4551, 0.3905



27.3421, 0.1944, 0.2983

Square

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



27.3421, 0.4551, 0.3905



27.3421, 0.2907, 0.4407



27.3421, 0.1871, 0.2450



27.3421, 0.3221, 0.2447

Rectangle

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



27.3421, 0.4551, 0.3905



27.3421, 0.3829, 0.4591



27.3421, 0.1871, 0.2450



27.3421, 0.2354, 0.2186

Sweetspot

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



27.3435, 0.4551, 0.3905



81.1380, 0.3445, 0.3477



19.5081, 0.3832, 0.2395



16.7762, 0.3505, 0.3509



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.



27.3435, 0.4551, 0.3905



42.0992, 0.4957, 0.3969



47.1682, 0.4054, 0.4577



11.3272, 0.3280, 0.3384



11.6801, 0.5672, 0.3878



0.6944, 0.5293, 0.4179

Inverse Universe

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



27.1614, 0.2221, 0.2516



41.6148, 0.2072, 0.2318



12.9526, 0.2002, 0.1537



11.3224, 0.2983, 0.3195



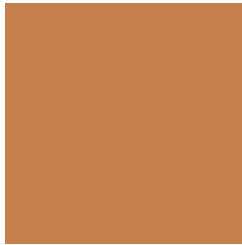
11.2760, 0.1868, 0.1926



0.6732, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 27.3421, 0.4551, 0.3905 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 27.3421, 0.4551, 0.3905 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 27.3421, 0.4551, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 27.3421, 0.4551, 0.3905.



This preview shows how white text looks on a background with the Yxy color 27.3421, 0.4551, 0.3905.

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

27.3421, 0.4551, 0.3905

Protanopia

27.4531, 0.3889, 0.4215

Deuteranopia

27.2441, 0.4232, 0.4149



Tritanopia

27.4354, 0.4022, 0.3174

Trichromacy



Original Color

27.3421, 0.4551, 0.3905

Protanomaly

27.2712, 0.4129, 0.4098

Deuteranomaly

27.1056, 0.4350, 0.4049

Tritanomaly

27.3242, 0.4243, 0.3451

Monochromacy



Original Color

27.3421, 0.4551, 0.3905

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6216, 0.3613, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3421, 0.4551, 0.3905 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, 126, 78)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 78)  
}
```

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, 126, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 78) }
```

Border

The CSS property to change the border of an element to Yxy 27.3421, 0.4551, 0.3905 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, 126, 78) }
```

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

```
.border{ border-color:rgb(197, 126, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 78);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3421, 0.4551, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 78) }
```

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

```
.background{ background-color: rgb(197,  
126, 78) }
```

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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