

Converting Colors

$Y_{xy}(17.0873, 0.4772, 0.3928)$

Have a look what the booklet for
Yxy(17.0873, 0.4772, 0.3928)
contains.

Yxy(17.1087, 0.4765, 0.3927)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.1087, 0.4765, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	A66236
RGB	166, 98, 54
RGB Percent	65%, 38%, 21%
CMY	0.3490, 0.6157, 0.7882
CMYK	0.00, 0.41, 0.67, 0.35
HSL	24°, 51%, 43%
HSV	24°, 67%, 65%
XYZ	20.7596, 17.1087, 5.6985
YIQ	113.3160, 54.6520, 0.7320

Conversions

Conversions Part 2

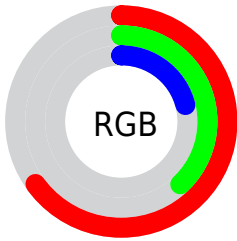
Format	Color
RYB	166, 126, 54
Decimal	10904118
CIELab	48.40, 23.54, 36.22
CIELCh	48, 43.197, 56.976
Yxy	17.1087, 0.4765, 0.3927
Android (android.graphics.Color)	4289094198 (0xFFA66236)
YUV	113.3160, -29.2428, 46.2039
Hunter-Lab	41.3627, 17.2031, 20.7855

Details

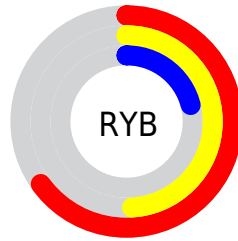
The Yxy color **17.1087, 0.4765, 0.3927** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.4567, 0.2150, 0.2443**, and the grayscale version is **16.6895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4618, 0.4405, 0.3834**, and **5.5478, 0.5381, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **15.2105, 0.5085, 0.3956**, and if you desaturate by 10%, it is **19.2995, 0.4447, 0.3862**.

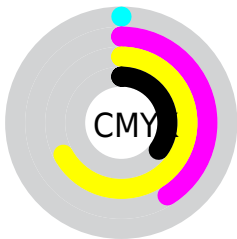
Distribution



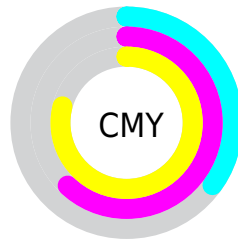
- Red (65%)
- Green (38%)
- Blue (21%)



- Red (65%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (35%)





- Cyan (35%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1087, 0.4765, 0.3927 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 17.1087, 0.4765, 0.3927 by changing the saturation by 10% instead.


 17.1087, 0.4765,
0.3927


 17.1087, 0.4765,
0.3927


235.7980, 0.3826,
0.3627


 10.3120, 0.5029,
0.3971


 38.5126, 0.4398,
0.3834


 5.6063, 0.5374,
0.3992


 53.8886, 0.4267,
0.3792

 2.6072, 0.5966,
0.4034

 72.8931, 0.4160,
0.3756

 0.9303, 0.6354,
0.3646

 95.9106, 0.4071,
0.3724

 0.0000, 1.0000,
0.0000

 123.3254, 0.3995,
0.3695

 0.0000, 0.0000,
0.0000

 155.5220, 0.3931,

0.3670

192.8848, 0.3875,
0.3647

■ 17.1087, 0.4765,
0.3927

■ 17.1087, 0.4765,
0.3927

■ 15.2105, 0.5085,
0.3956

■ 19.2995, 0.4447,
0.3862

■ 13.5876, 0.5383,
0.3938

■ 21.7933, 0.4148,
0.3774

■ 12.2226, 0.5640,
0.3872

■ 24.6034, 0.3876,
0.3672

■ 11.9126, 0.5703,
0.3854

■ 27.7412, 0.3635,
0.3567

■ 31.2176, 0.3426,
0.3462

■ 35.0429, 0.3245,
0.3361

■ 39.2269, 0.3090,
0.3267

■ 43.7791, 0.2957,
0.3179

■ 48.7085, 0.2843,
0.3099

Harmonies

Analogous

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



17.1087, 0.4660, 0.3321



17.1087, 0.4765, 0.3927



17.1087, 0.4382, 0.4498

Triad

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



17.1087, 0.4765, 0.3927



17.1087, 0.2206, 0.3852



17.1087, 0.2417, 0.2072

Complementary

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



17.1087, 0.4765, 0.3927



17.4567, 0.2150, 0.2443

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.



17.1087, 0.1915, 0.2065



17.1087, 0.4765, 0.3927



17.1087, 0.1797, 0.2958

Square

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



17.1087, 0.4765, 0.3927



17.1087, 0.2896, 0.4635



17.1087, 0.1707, 0.2343



17.1087, 0.3185, 0.2319

Rectangle

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



17.1087, 0.4765, 0.3927



17.1087, 0.3944, 0.4770



17.1087, 0.1707, 0.2343



17.1087, 0.2217, 0.2041

Sweetspot

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



17.1096, 0.4765, 0.3927



54.7600, 0.3484, 0.3492



12.1775, 0.3904, 0.2305



11.8696, 0.3540, 0.3520



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



17.1096, 0.4765, 0.3927



26.0608, 0.5239, 0.3953



31.1343, 0.4149, 0.4651



8.0078, 0.3276, 0.3379



9.3234, 0.5687, 0.3866



0.3269, 0.5092, 0.4339

Inverse Universe

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



17.4567, 0.2150, 0.2443



26.5811, 0.1999, 0.2217



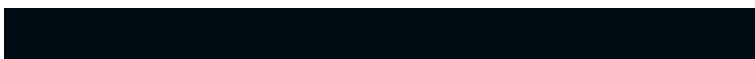
7.5603, 0.1895, 0.1376



8.0298, 0.2987, 0.3199



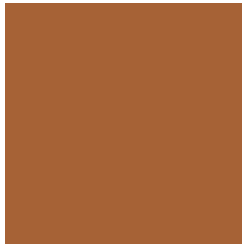
9.4126, 0.1881, 0.1973



0.3243, 0.2016, 0.2458

Previews

White Background



This preview shows how the Yxy color 17.1087, 0.4765, 0.3927 looks on a white background.

Color Contrast Check

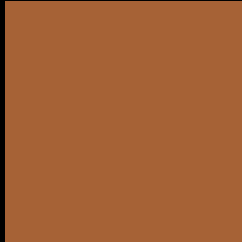
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.1087, 0.4765, 0.3927 looks on a black 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

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

Yxy 17.1087, 0.4765, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 17.1087, 0.4765, 0.3927.



This preview shows how white text looks on a background with the Yxy color 17.1087, 0.4765, 0.3927.

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

17.1087, 0.4765, 0.3927

Protanopia

17.3291, 0.3960, 0.4340

Deuteranopia

17.2305, 0.4346, 0.4279



Tritanopia

17.1646, 0.4201, 0.3201

Trichromacy



Original Color

17.1087, 0.4765, 0.3927

Protanomaly

16.9055, 0.4253, 0.4176

Deuteranomaly

17.1353, 0.4494, 0.4154

Tritanomaly

17.1338, 0.4424, 0.3477

Monochromacy



Original Color

17.1087, 0.4765, 0.3927

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.4034, 0.3685, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1087, 0.4765, 0.3927 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(166, 98, 54)` looks like.

```
.text, #text, p{  
    color:rgb(166, 98, 54)  
}
```

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(166, 98, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 98, 54) }
```

Border

The CSS property to change the border of an element to Yxy 17.1087, 0.4765, 0.3927 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(166, 98, 54) }
```

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

```
.border{ border-color:rgb(166, 98, 54) }
```

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

Here you see how a box with a 4 pixel rgb(166, 98, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 98, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 98, 54);  
box-shadow:4px 4px 4px 4px rgb(166, 98,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1087, 0.4765, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 98, 54) }
```

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

```
.background{ background-color: rgb(166, 98,  
54) }
```

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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