

Converting Colors

$Y_{xy}(17.4341, 0.4124, 0.4094)$

Have a look what the booklet for
Yxy(17.4341, 0.4124, 0.4094)
contains.

Yxy(17.3377, 0.4123, 0.4089)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.3377, 0.4123, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	8C6F42
RGB	140, 111, 66
RGB Percent	55%, 44%, 26%
CMY	0.4510, 0.5647, 0.7411
CMYK	0.00, 0.21, 0.53, 0.45
HSL	36°, 36%, 40%
HSV	36°, 53%, 55%
XYZ	17.4819, 17.3377, 7.5813
YIQ	114.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

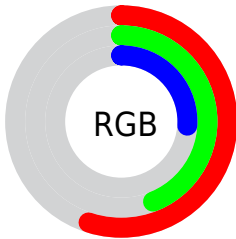
Format	Color
RYB	114, 140, 66
Decimal	9203522
CIELab	48.68, 5.54, 29.24
CIElCh	49, 29.764, 79.263
Yxy	17.3377, 0.4123, 0.4089
Android (android.graphics.Color)	4287393602 (0xFF8C6F42)
YUV	114.5410, -23.9307, 22.3275
Hunter-Lab	41.6386, 2.0754, 18.3519

Details

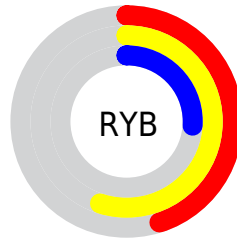
The Yxy color **17.3377, 0.4123, 0.4089** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2351, 0.2274, 0.2307**, and the grayscale version is **17.0653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0343, 0.3891, 0.3925**, and **5.7472, 0.4485, 0.4369** is the 20% darker color. If you saturate the color by 10%, you get **16.0327, 0.4347, 0.4214**, and if you desaturate by 10%, it is **18.7583, 0.3904, 0.3944**.

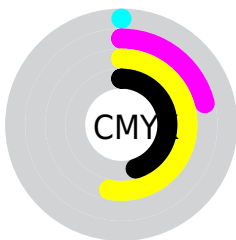
Distribution



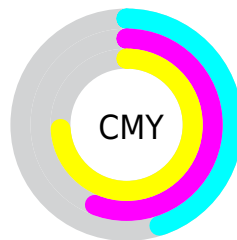
- Red (55%)
- Green (44%)
- Blue (26%)



- Red (45%)
- Yellow (55%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (53%)
- Black (45%)





- Cyan (45%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3377, 0.4123, 0.4089 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 17.3377, 0.4123, 0.4089 by changing the saturation by 10% instead.


 17.3377, 0.4123,
0.4089


 17.3377, 0.4123,
0.4089


237.1110, 0.3552,
0.3646


 10.4756, 0.4288,
0.4208


 38.9055, 0.3898,
0.3920


 5.7154, 0.4510,
0.4357

 54.3799, 0.3818,
0.3858


 2.6728, 0.4959,
0.4678

 73.4939, 0.3754,
0.3807

 0.9634, 0.5254,
0.4746

 96.6319, 0.3700,
0.3764

 0.0000, 0.0000,
0.0000

 124.1781, 0.3654,
0.3728

 156.5172, 0.3615,

0.3697

194.0333, 0.3582,
0.3670

■ 17.3377, 0.4123,
0.4089

■ 17.3377, 0.4123,
0.4089

■ 16.0327, 0.4347,
0.4214

■ 18.7583, 0.3904,
0.3944

■ 14.8364, 0.4567,
0.4309

■ 20.2960, 0.3696,
0.3790

■ 13.7450, 0.4771,
0.4363

■ 21.9553, 0.3503,
0.3633

■ 12.7530, 0.4950,
0.4369

■ 23.7396, 0.3327,
0.3478

■ 12.0945, 0.5070,
0.4357

■ 25.6524, 0.3169,
0.3331

■ 27.6968, 0.3028,
0.3191

■ 29.8757, 0.2902,
0.3061

■ 32.1921, 0.2791,
0.2941

■ 34.6488, 0.2692,
0.2830

Harmonies

Analogous

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



17.3377, 0.4283, 0.3682



17.3377, 0.4123, 0.4089



17.3377, 0.3696, 0.4330

Triad

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



17.3377, 0.4123, 0.4089



17.3377, 0.2234, 0.3232



17.3377, 0.3029, 0.2523

Complementary

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



17.3377, 0.4123, 0.4089



11.2351, 0.2274, 0.2307

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.



17.3377, 0.2516, 0.2386



17.3377, 0.4123, 0.4089



17.3377, 0.2093, 0.2734

Square

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



17.3377, 0.4123, 0.4089



17.3377, 0.2606, 0.3823



17.3377, 0.2191, 0.2448



17.3377, 0.3620, 0.2824

Rectangle

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



17.3377, 0.4123, 0.4089



17.3377, 0.3330, 0.4321



17.3377, 0.2191, 0.2448



17.3377, 0.2842, 0.2457

Sweetspot

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



17.3385, 0.4123, 0.4089



40.7372, 0.3386, 0.3532



10.3097, 0.3978, 0.2761



9.2561, 0.3418, 0.3559



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.3385, 0.4123, 0.4089



27.9463, 0.4380, 0.4230



24.0995, 0.3780, 0.4562



5.5214, 0.3267, 0.3423



10.7874, 0.5064, 0.4361



0.1002, 0.4600, 0.4729

Inverse Universe

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



11.2351, 0.2274, 0.2307



16.0475, 0.2093, 0.2046



7.2237, 0.2232, 0.1704



5.1927, 0.2991, 0.3154



4.1337, 0.1691, 0.1287



0.0545, 0.1920, 0.2110

Previews

White Background



This preview shows how the Yxy color 17.3377, 0.4123, 0.4089 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 17.3377, 0.4123, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

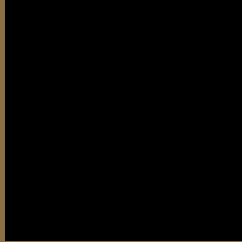
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3377, 0.4123, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 17.3377, 0.4123, 0.4089.



This preview shows how white text looks on a background with the Yxy color 17.3377, 0.4123, 0.4089.

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

17.3377, 0.4123, 0.4089

Protanopia

17.4202, 0.3870, 0.4203

Deuteranopia

17.4249, 0.4137, 0.4084



Tritanopia

17.2247, 0.3573, 0.3150

Trichromacy



Original Color

17.3377, 0.4123, 0.4089

Protanomaly

17.3454, 0.3970, 0.4162

Deuteranomaly

17.4249, 0.4137, 0.4084

Tritanomaly

17.1996, 0.3793, 0.3489

Monochromacy



Original Color

17.3377, 0.4123, 0.4089

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.1828, 0.3476, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3377, 0.4123, 0.4089 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(140, 111, 66)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 66)  
}
```

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(140, 111, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 66) }
```

Border

The CSS property to change the border of an element to Yxy 17.3377, 0.4123, 0.4089 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(140, 111, 66) }
```

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

```
.border{ border-color:rgb(140, 111, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 66);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3377, 0.4123, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 66) }
```

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

```
.background{ background-color: rgb(140,  
111, 66) }
```

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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