

Converting Colors

$Y_{xy}(10.4897, 0.4645, 0.3753)$

Have a look what the booklet for
Yxy(10.4897, 0.4645, 0.3753)
contains.

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Color

Yxy(10.4762, 0.4655, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	864C33
RGB	134, 76, 51
RGB Percent	53%, 30%, 20%
CMY	0.4745, 0.7020, 0.8000
CMYK	0.00, 0.43, 0.62, 0.47
HSL	18°, 45%, 36%
HSV	18°, 62%, 53%
XYZ	13.0149, 10.4762, 4.4678
YIQ	90.4920, 42.5930, 4.5210

Conversions

Conversions Part 2

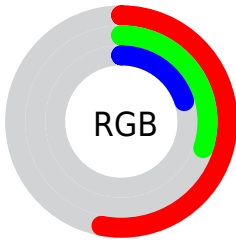
Format	Color
R_{YB}	134, 87, 51
Decimal	8801331
CIE _{Lab}	38.68, 22.01, 25.30
CIE _{LCh}	39, 33.532, 48.981
Yxy	10.4762, 0.4655, 0.3747
Android (android.graphics.Color)	4286991411 (0xFF864C33)
YUV	90.4920, -19.4696, 38.1565
Hunter-Lab	32.3670, 15.1333, 14.4727

Details

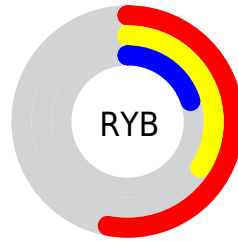
The Yxy color **10.4762, 0.4655, 0.3747** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.3655, 0.2271, 0.2725**, and the grayscale version is **10.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7507, 0.4248, 0.3678**, and **2.6472, 0.5487, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **9.1773, 0.5011, 0.3781**, and if you desaturate by 10%, it is **11.9982, 0.4318, 0.3688**.

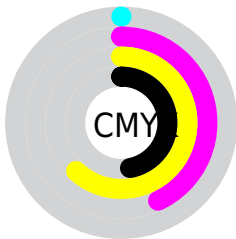
Distribution



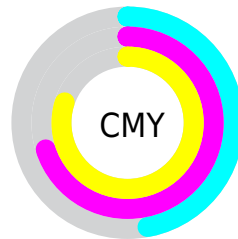
- Red (53%)
- Green (30%)
- Blue (20%)



- Red (53%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (62%)
- Black (47%)




- Cyan (47%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4762, 0.4655, 0.3747 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 10.4762, 0.4655, 0.3747 by changing the saturation by 10% instead.


 10.4762, 0.4655,
0.3747


 10.4762, 0.4655,
0.3747


194.0378, 0.3708,
0.3515


 5.7158, 0.4972,
0.3781

 26.6874, 0.4255,
0.3671


 2.6731, 0.5486,
0.3823

 38.9070, 0.4123,
0.3639


 0.9635, 0.6256,
0.3744

 54.3819, 0.4017,
0.3611

 0.0000, 1.0000,
0.0000

 73.4963, 0.3932,
0.3586

 0.0000, 0.0000,
0.0000

 96.6347, 0.3861,
0.3565

 124.1815, 0.3802,

0.3546

156.5211, 0.3751,
0.3530

■ 10.4762, 0.4655,
0.3747

■ 10.4762, 0.4655,
0.3747

■ 9.1773, 0.5011,
0.3781

■ 11.9982, 0.4318,
0.3688

■ 8.0887, 0.5364,
0.3780

■ 13.7520, 0.4014,
0.3615

■ 7.1987, 0.5681,
0.3736

■ 15.7476, 0.3747,
0.3536

■ 6.6110, 0.5913,
0.3687

■ 17.9940, 0.3518,
0.3455

■ 20.4999, 0.3322,
0.3377

■ 23.2732, 0.3156,
0.3304

■ 26.3218, 0.3016,
0.3235

■ 29.6530, 0.2897,
0.3173

■ 33.2741, 0.2796,
0.3115

Harmonies

Analogous

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



10.4762, 0.4419, 0.3184



10.4762, 0.4655, 0.3747



10.4762, 0.4420, 0.4291

Triad

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



10.4762, 0.4655, 0.3747



10.4762, 0.2434, 0.4021



10.4762, 0.2323, 0.2134

Complementary

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



10.4762, 0.4655, 0.3747



13.3655, 0.2271, 0.2725

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.



10.4762, 0.1924, 0.2198



10.4762, 0.4655, 0.3747



10.4762, 0.1970, 0.3197

Square

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



10.4762, 0.4655, 0.3747



10.4762, 0.3121, 0.4616



10.4762, 0.1802, 0.2545



10.4762, 0.2978, 0.2308

Rectangle

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



10.4762, 0.4655, 0.3747



10.4762, 0.4065, 0.4575



10.4762, 0.1802, 0.2545



10.4762, 0.2159, 0.2127

Sweetspot

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



10.4767, 0.4655, 0.3747



32.7694, 0.3465, 0.3435



8.5433, 0.3651, 0.2263



7.1483, 0.3516, 0.3455



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



10.4767, 0.4655, 0.3747



15.4180, 0.5143, 0.3786



18.1264, 0.4137, 0.4453



4.9006, 0.3272, 0.3356



6.2115, 0.5908, 0.3691



0.0331, 0.5184, 0.4266

Inverse Universe

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



13.3655, 0.2271, 0.2725



20.8533, 0.2135, 0.2574



6.5115, 0.2049, 0.1730



5.0484, 0.2992, 0.3223



9.0759, 0.1975, 0.2308



0.0443, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 10.4762, 0.4655, 0.3747 looks on a white background.

Color Contrast Check

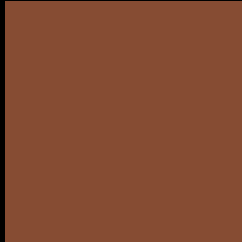
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4762, 0.4655, 0.3747 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 10.4762, 0.4655, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 10.4762, 0.4655, 0.3747.



This preview shows how white text looks on a background with the Yxy color 10.4762, 0.4655, 0.3747.

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

10.4762, 0.4655, 0.3747

Protanopia

10.6590, 0.3793, 0.4117

Deuteranopia

10.4829, 0.4175, 0.4112



Tritanopia

10.5494, 0.4219, 0.3200

Trichromacy



Original Color

10.4762, 0.4655, 0.3747

Protanomaly

10.3762, 0.4095, 0.3971

Deuteranomaly

10.4099, 0.4348, 0.3966

Tritanomaly

10.4658, 0.4388, 0.3406

Monochromacy



Original Color

10.4762, 0.4655, 0.3747

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0830, 0.3643, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4762, 0.4655, 0.3747 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(134, 76, 51)` looks like.

```
.text, #text, p{  
    color:rgb(134, 76, 51)  
}
```

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(134, 76, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 76, 51) }
```

Border

The CSS property to change the border of an element to Yxy 10.4762, 0.4655, 0.3747 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(134, 76, 51) }
```

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

```
.border{ border-color:rgb(134, 76, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 76, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 76, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 76, 51);  
box-shadow:4px 4px 4px 4px rgb(134, 76,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4762, 0.4655, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 76, 51) }
```

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

```
.background{ background-color: rgb(134, 76,  
51) }
```

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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