

Converting Colors

$Y_{xy}(11.5592, 0.4605, 0.3903)$

Have a look what the booklet for
Yxy(11.5592, 0.4605, 0.3903)
contains.

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Color

Yxy(11.5592, 0.4605, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	875331
RGB	135, 83, 49
RGB Percent	53%, 33%, 19%
CMY	0.4706, 0.6745, 0.8078
CMYK	0.00, 0.39, 0.64, 0.47
HSL	24°, 47%, 36%
HSV	24°, 64%, 53%
XYZ	13.6383, 11.5592, 4.4187
YIQ	94.6720, 41.9060, 0.4500

Conversions

Conversions Part 2

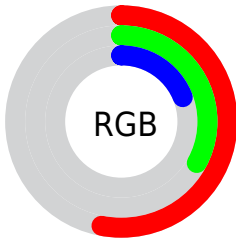
Format	Color
R_{YB}	135, 105, 49
Decimal	8868657
CIE _{Lab}	40.51, 18.20, 28.70
CIE _{LCh}	41, 33.981, 57.615
Yxy	11.5592, 0.4605, 0.3903
Android (android.graphics.Color)	4287058737 (0xFF875331)
YUV	94.6720, -22.5163, 35.3677
Hunter-Lab	33.9988, 12.1054, 16.0934

Details

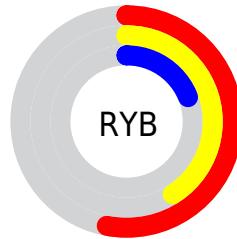
The Yxy color **11.5592, 0.4605, 0.3903** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.7071, 0.2207, 0.2510**, and the grayscale version is **11.4091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6960, 0.4231, 0.3796**, and **3.0790, 0.5346, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **10.2861, 0.4919, 0.3951**, and if you desaturate by 10%, it is **13.0147, 0.4301, 0.3826**.

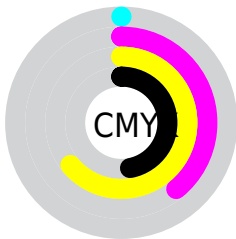
Distribution



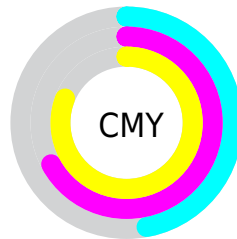
- Red (53%)
- Green (33%)
- Blue (19%)



- Red (53%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (47%)





- Cyan (47%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5592, 0.4605, 0.3903 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 11.5592, 0.4605, 0.3903 by changing the saturation by 10% instead.


 11.5592, 0.4605,
0.3903


 11.5592, 0.4605,
0.3903


201.4648, 0.3705,
0.3580

 6.4443, 0.4892,
0.3965


 28.6897, 0.4233,
0.3790


 3.1171, 0.5345,
0.4050

 41.4741, 0.4107,
0.3745


 1.1932, 0.5969,
0.4031

 57.5837, 0.4006,
0.3707

 0.0561, 0.8987,
0.1013

 77.4030, 0.3924,
0.3674

 0.0000, 0.0000,
0.0000

 101.3164, 0.3855,
0.3645

 129.7082, 0.3797,

0.3621

162.9629, 0.3748,
0.3599

■ 11.5592, 0.4605,
0.3903

■ 11.5592, 0.4605,
0.3903

■ 10.2861, 0.4919,
0.3951

■ 13.0147, 0.4301,
0.3826

■ 9.1853, 0.5225,
0.3959

■ 14.6584, 0.4019,
0.3732

■ 8.2482, 0.5499,
0.3918

■ 16.4980, 0.3766,
0.3629

■ 7.7312, 0.5666,
0.3883

■ 18.5402, 0.3544,
0.3524

■ 20.7912, 0.3350,
0.3422

■ 23.2572, 0.3183,
0.3324

■ 25.9440, 0.3039,
0.3233

■ 28.8570, 0.2915,
0.3149

■ 32.0016, 0.2809,
0.3072

Harmonies

Analogous

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



11.5592, 0.4510, 0.3345



11.5592, 0.4605, 0.3903



11.5592, 0.4264, 0.4409

Triad

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



11.5592, 0.4605, 0.3903



11.5592, 0.2288, 0.3777



11.5592, 0.2499, 0.2179

Complementary

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



11.5592, 0.4605, 0.3903



11.7071, 0.2207, 0.2510

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.



11.5592, 0.2029, 0.2172



11.5592, 0.4605, 0.3903



11.5592, 0.1912, 0.2988

Square

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



11.5592, 0.4605, 0.3903



11.5592, 0.2916, 0.4468



11.5592, 0.1830, 0.2430



11.5592, 0.3201, 0.2411

Rectangle

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



11.5592, 0.4605, 0.3903



11.5592, 0.3868, 0.4632



11.5592, 0.1830, 0.2430



11.5592, 0.2313, 0.2150

Sweetspot

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



11.5598, 0.4605, 0.3903



34.8826, 0.3458, 0.3480



8.3072, 0.3825, 0.2356



7.8479, 0.3508, 0.3506



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.5598, 0.4605, 0.3903



17.5971, 0.5044, 0.3960



20.0286, 0.4087, 0.4580



4.9685, 0.3270, 0.3376



7.1551, 0.5660, 0.3888



0.0383, 0.4964, 0.4441

Inverse Universe

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



11.7071, 0.2207, 0.2510



17.8128, 0.2054, 0.2303



5.5340, 0.1982, 0.1523



4.9779, 0.2992, 0.3202



7.1505, 0.1883, 0.1980



0.0391, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 11.5592, 0.4605, 0.3903 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 11.5592, 0.4605, 0.3903 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 11.5592, 0.4605, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 11.5592, 0.4605, 0.3903.



This preview shows how white text looks on a background with the Yxy color 11.5592, 0.4605, 0.3903.

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

11.5592, 0.4605, 0.3903

Protanopia

11.6260, 0.3898, 0.4254

Deuteranopia

11.5390, 0.4254, 0.4186



Tritanopia

11.5662, 0.4056, 0.3180

Trichromacy



Original Color

11.5592, 0.4605, 0.3903

Protanomaly

11.4431, 0.4151, 0.4108

Deuteranomaly

11.4779, 0.4378, 0.4074

Tritanomaly

11.4394, 0.4272, 0.3443

Monochromacy



Original Color

11.5592, 0.4605, 0.3903

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.3472, 0.3644, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5592, 0.4605, 0.3903 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(135, 83, 49)` looks like.

```
.text, #text, p{  
    color:rgb(135, 83, 49)  
}
```

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(135, 83, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 83, 49) }
```

Border

The CSS property to change the border of an element to Yxy 11.5592, 0.4605, 0.3903 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(135, 83, 49) }
```

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

```
.border{ border-color:rgb(135, 83, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 83, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 83, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 83, 49);  
box-shadow:4px 4px 4px 4px rgb(135, 83,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5592, 0.4605, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 83, 49) }
```

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

```
.background{ background-color: rgb(135, 83,  
49) }
```

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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