

Converting Colors

$Y_{xy}(11.0347, 0.4790, 0.3996)$

Have a look what the booklet for
Yxy(11.0347, 0.4790, 0.3996)
contains.

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Color

Yxy(11.0347, 0.4790, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	875027
RGB	135, 80, 39
RGB Percent	53%, 31%, 15%
CMY	0.4706, 0.6863, 0.8470
CMYK	0.00, 0.41, 0.71, 0.47
HSL	26°, 55%, 34%
HSV	26°, 71%, 53%
XYZ	13.2273, 11.0347, 3.3524
YIQ	91.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

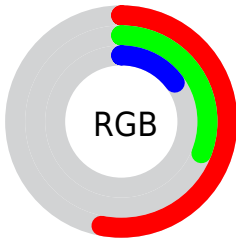
Format	Color
R_{YB}	135, 111, 39
Decimal	8867879
CIE Lab	39.64, 19.29, 33.24
CIE LCh	40, 38.433, 59.882
Yxy	11.0347, 0.4790, 0.3996
Android (android.graphics.Color)	4287057959 (0xFF875027)
YUV	91.7710, -26.0161, 37.9118
Hunter-Lab	33.2185, 12.9445, 17.2695

Details

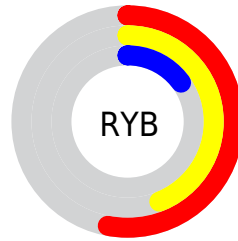
The Yxy color **11.0347, 0.4790, 0.3996** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.1877, 0.2103, 0.2326**, and the grayscale version is **10.7005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8436, 0.4375, 0.3880**, and **2.8934, 0.5501, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **9.8929, 0.5085, 0.4022**, and if you desaturate by 10%, it is **12.3400, 0.4491, 0.3932**.

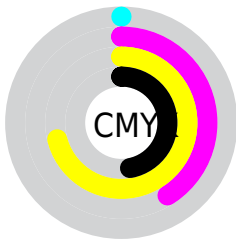
Distribution



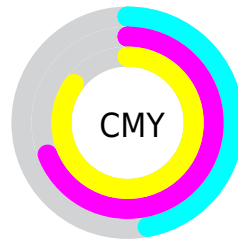
- Red (53%)
- Green (31%)
- Blue (15%)



- Red (53%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (47%)




- Cyan (47%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0347, 0.4790, 0.3996 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 11.0347, 0.4790, 0.3996 by changing the saturation by 10% instead.


 11.0347, 0.4790,
0.3996


 11.0347, 0.4790,
0.3996


197.9055, 0.3782,
0.3634


 6.0902, 0.5098,
0.4052

 27.7243, 0.4378,
0.3876


 2.9000, 0.5718,
0.4219

 40.2382, 0.4236,
0.3826


 1.0797, 0.6063,
0.3937

 56.0440, 0.4123,
0.3782

 0.0000, 1.0000,
0.0000

 75.5261, 0.4030,
0.3744

 0.0000, 0.0000,
0.0000

 99.0689, 0.3952,
0.3710

 127.0568, 0.3887,

0.3682

159.8742, 0.3831,
0.3656

11.0347, 0.4790,
0.3996

11.0347, 0.4790,
0.3996

9.8929, 0.5085,
0.4022

12.3400, 0.4491,
0.3932

8.9048, 0.5355,
0.3999

13.8143, 0.4203,
0.3843

8.1427, 0.5578,
0.3953

15.4648, 0.3938,
0.3737

17.2979, 0.3699,
0.3626

19.3193, 0.3488,
0.3513

■ 21.5348, 0.3303,
0.3404

■ 23.9497, 0.3144,
0.3301

■ 26.5692, 0.3005,
0.3205

■ 29.3980, 0.2886,
0.3116

Harmonies

Analogous

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



11.0347, 0.4740, 0.3375



11.0347, 0.4790, 0.3996



11.0347, 0.4353, 0.4575

Triad

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



11.0347, 0.4790, 0.3996



11.0347, 0.2125, 0.3775



11.0347, 0.2462, 0.2058

Complementary

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



11.0347, 0.4790, 0.3996



10.1877, 0.2103, 0.2326

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.



11.0347, 0.1922, 0.2024



11.0347, 0.4790, 0.3996



11.0347, 0.1740, 0.2868

Square

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



11.0347, 0.4790, 0.3996



11.0347, 0.2809, 0.4624



11.0347, 0.1681, 0.2274



11.0347, 0.3271, 0.2331

Rectangle

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



11.0347, 0.4790, 0.3996



11.0347, 0.3887, 0.4838



11.0347, 0.1681, 0.2274



11.0347, 0.2249, 0.2018

Sweetspot

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



11.0353, 0.4790, 0.3996



34.4578, 0.3495, 0.3517



7.4289, 0.4020, 0.2336



7.7741, 0.3543, 0.3544



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.



11.0353, 0.4790, 0.3996



16.6570, 0.5245, 0.4015



20.4780, 0.4140, 0.4724



4.9915, 0.3270, 0.3383



7.5335, 0.5572, 0.3958



0.0401, 0.4900, 0.4492

Inverse Universe

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



10.1877, 0.2103, 0.2326



14.9639, 0.1948, 0.2072



4.2141, 0.1840, 0.1245



4.9545, 0.2992, 0.3195



6.5794, 0.1853, 0.1871



0.0373, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 11.0347, 0.4790, 0.3996 looks on a white background.

Color Contrast Check

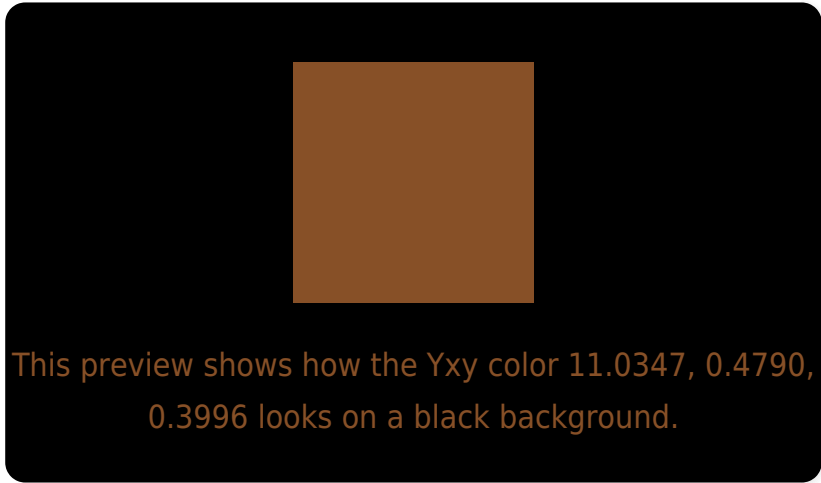
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

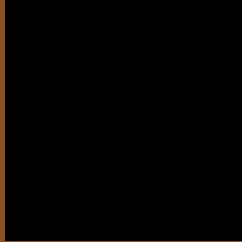
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0347, 0.4790, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 11.0347, 0.4790, 0.3996.



This preview shows how white text looks on a background with the Yxy color 11.0347, 0.4790, 0.3996.

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

11.0347, 0.4790, 0.3996

Protanopia

11.1229, 0.4032, 0.4419

Deuteranopia

11.0602, 0.4392, 0.4321



Tritanopia

10.9446, 0.4162, 0.3181

Trichromacy



Original Color

11.0347, 0.4790, 0.3996

Protanomaly

10.9568, 0.4297, 0.4257

Deuteranomaly

11.0806, 0.4540, 0.4195

Tritanomaly

10.9353, 0.4411, 0.3498

Monochromacy



Original Color

11.0347, 0.4790, 0.3996

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.6486, 0.3711, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0347, 0.4790, 0.3996 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, 80, 39)` looks like.

```
.text, #text, p{  
    color:rgb(135, 80, 39)  
}
```

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, 80, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 80, 39) }
```

Border

The CSS property to change the border of an element to Yxy 11.0347, 0.4790, 0.3996 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, 80, 39) }
```

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

```
.border{ border-color:rgb(135, 80, 39) }
```

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

Here you see how a box with a 4 pixel rgb(135, 80, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 80, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 80, 39);  
box-shadow:4px 4px 4px 4px rgb(135, 80,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0347, 0.4790, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 80, 39) }
```

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

```
.background{ background-color: rgb(135, 80,  
39) }
```

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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