

Converting Colors

$Y_{xy}(11.7497, 0.5233, 0.3929)$

Have a look what the booklet for
Yxy(11.7497, 0.5233, 0.3929)
contains.

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Color

Yxy(11.7867, 0.5232, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	984B1B
RGB	152, 75, 27
RGB Percent	60%, 29%, 11%
CMY	0.4039, 0.7059, 0.8940
CMYK	0.00, 0.51, 0.82, 0.40
HSL	23°, 70%, 35%
HSV	23°, 82%, 60%
XYZ	15.6637, 11.7867, 2.4879
YIQ	92.5510, 61.3000, 1.3960

Conversions

Conversions Part 2

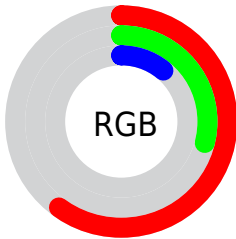
Format	Color
R_{YB}	152, 105, 27
Decimal	9980699
CIE Lab	40.88, 28.98, 41.31
CIE LCh	41, 50.459, 54.950
Yxy	11.7867, 0.5232, 0.3937
Android (android.graphics.Color)	4288170779 (0xFF984B1B)
YUV	92.5510, -32.3166, 52.1368
Hunter-Lab	34.3318, 21.3592, 19.7358

Details

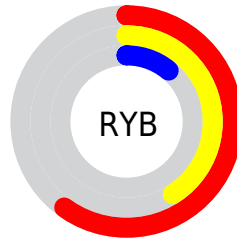
The Yxy color **11.7867, 0.5232, 0.3937** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.4070, 0.2013, 0.2256**, and the grayscale version is **10.9032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0241, 0.4737, 0.3876**, and **3.2634, 0.5863, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **10.5559, 0.5516, 0.3897**, and if you desaturate by 10%, it is **13.2423, 0.4916, 0.3929**.

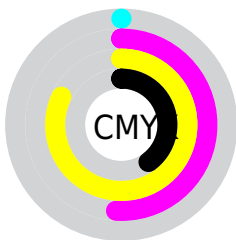
Distribution



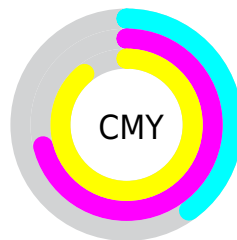
- Red (60%)
- Green (29%)
- Blue (11%)



- Red (60%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7867, 0.5232, 0.3937 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 11.7867, 0.5232, 0.3937 by changing the saturation by 10% instead.

 11.7867, 0.5232,
0.3937


 11.7867, 0.5232,
0.3937


202.9880, 0.3989,
0.3669


 6.5986, 0.5578,
0.3926


 29.1060, 0.4742,
0.3880


 3.2124, 0.6110,
0.3890

 42.0060, 0.4568,
0.3843


 1.2436, 0.6500,
0.3500

 58.2455, 0.4425,
0.3807

 0.0969, 0.8919,
0.1081

 78.2088, 0.4307,
0.3774

 0.0000, 0.0000,
0.0000

 102.2803, 0.4208,
0.3744


 130.8444, 0.4124,


0.3716


 164.2855, 0.4052,
0.3692


 11.7867, 0.5232,
0.3937


 11.7867, 0.5232,
0.3937


 10.5559, 0.5516,
0.3897


 13.2423, 0.4916,
0.3929

 9.7373, 0.5716,
0.3844

 14.9333, 0.4593,
0.3880

 16.8718, 0.4283,
0.3803

 19.0683, 0.3997,
0.3709

 21.5326, 0.3742,
0.3607

■ 24.2740, 0.3519,
0.3505

■ 27.3012, 0.3326,
0.3405

■ 30.6226, 0.3161,
0.3310

■ 34.2462, 0.3018,
0.3222

Harmonies

Analogous

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



11.7867, 0.5105, 0.3215



11.7867, 0.5232, 0.3937



11.7867, 0.4711, 0.4697

Triad

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



11.7867, 0.5232, 0.3937



11.7867, 0.1969, 0.4124



11.7867, 0.2158, 0.1768

Complementary

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



11.7867, 0.5232, 0.3937



12.4070, 0.2013, 0.2256

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.



11.7867, 0.1587, 0.1764



11.7867, 0.5232, 0.3937



11.7867, 0.1472, 0.2878

Square

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



11.7867, 0.5232, 0.3937



11.7867, 0.2835, 0.5189



11.7867, 0.1364, 0.2093



11.7867, 0.3105, 0.2048

Rectangle

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



11.7867, 0.5232, 0.3937



11.7867, 0.4148, 0.5140



11.7867, 0.1364, 0.2093



11.7867, 0.1926, 0.1735

Sweetspot

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



11.7873, 0.5232, 0.3937



41.2084, 0.3589, 0.3538



8.4623, 0.4145, 0.2214



9.0103, 0.3661, 0.3571



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



11.7873, 0.5232, 0.3937



17.0365, 0.5725, 0.3826



24.7670, 0.4296, 0.4802



6.5921, 0.3274, 0.3376



8.2204, 0.5704, 0.3853



0.1899, 0.5002, 0.4410

Inverse Universe

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



12.4070, 0.2013, 0.2256



17.8674, 0.1888, 0.1989



4.1287, 0.1683, 0.1002



6.6280, 0.2989, 0.3203



8.6225, 0.1892, 0.2011



0.1990, 0.2063, 0.2625

Previews

White Background



This preview shows how the Yxy color 11.7867, 0.5232, 0.3937 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 11.7867, 0.5232, 0.3937 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 11.7867, 0.5232, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 11.7867, 0.5232, 0.3937.



This preview shows how white text looks on a background with the Yxy color 11.7867, 0.5232, 0.3937.

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

11.7867, 0.5232, 0.3937

Protanopia

11.9104, 0.4186, 0.4593

Deuteranopia

11.8424, 0.4583, 0.4531



Tritanopia

11.7583, 0.4588, 0.3214

Trichromacy



Original Color

11.7867, 0.5232, 0.3937

Protanomaly

11.6037, 0.4586, 0.4335

Deuteranomaly

11.7040, 0.4830, 0.4297

Tritanomaly

11.7125, 0.4864, 0.3513

Monochromacy



Original Color

11.7867, 0.5232, 0.3937

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.6627, 0.3898, 0.3665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7867, 0.5232, 0.3937 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(152, 75, 27)` looks like.

```
.text, #text, p{  
    color:rgb(152, 75, 27)  
}
```

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(152, 75, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 75, 27) }
```

Border

The CSS property to change the border of an element to Yxy 11.7867, 0.5232, 0.3937 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(152, 75, 27) }
```

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

```
.border{ border-color:rgb(152, 75, 27) }
```

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

Here you see how a box with a 4 pixel rgb(152, 75, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 75, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 75, 27);  
box-shadow:4px 4px 4px 4px rgb(152, 75,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7867, 0.5232, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 75, 27) }
```

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

```
.background{ background-color: rgb(152, 75,  
27) }
```

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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