

Converting Colors

$Y_{xy}(11.8529, 0.5904, 0.3671)$

Have a look what the booklet for
Yxy(11.8529, 0.5904, 0.3671)
contains.

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Color

Yxy(11.8529, 0.5904, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	AF3703
RGB	175, 55, 3
RGB Percent	69%, 22%, 1%
CMY	0.3137, 0.7843, 0.9878
CMYK	0.00, 0.69, 0.98, 0.31
HSL	18°, 97%, 35%
HSV	18°, 98%, 69%
XYZ	19.0628, 11.8529, 1.3722
YIQ	84.9520, 88.2120, 9.2680

Conversions

Conversions Part 2

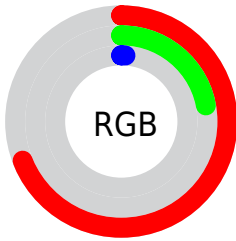
Format	Color
R_{YB}	175, 78, 3
Decimal	11482883
CIE _{Lab}	40.98, 47.07, 51.70
CIE _{LCh}	41, 69.916, 47.687
Yxy	11.8529, 0.5904, 0.3671
Android (android.graphics.Color)	4289672963 (0xFFAF3703)
YUV	84.9520, -40.4023, 78.9721
Hunter-Lab	34.4280, 38.5863, 21.7364

Details

The Yxy color **11.8529, 0.5904, 0.3671** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.3076, 0.1975, 0.2299**, and the grayscale version is **9.1489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1878, 0.5319, 0.3755**, and **3.5774, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.6453, 0.5950, 0.3657**, and if you desaturate by 10%, it is **13.2073, 0.5629, 0.3749**.

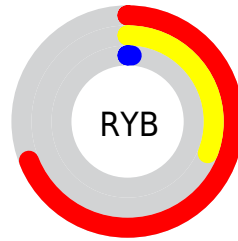
Distribution



Red (69%)

Green (22%)

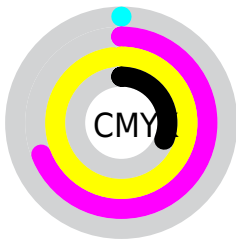
Blue (1%)



Red (69%)

Yellow (31%)

Blue (1%)

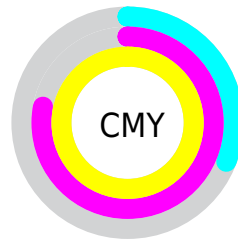


Cyan (0%)

Magenta (69%)

Yellow (98%)

Black (31%)



Cyan (31%)


Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8529, 0.5904, 0.3671 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 11.8529, 0.5904, 0.3671 by changing the saturation by 10% instead.


 11.8529, 0.5904,
0.3671


 11.8529, 0.5904,
0.3671


 203.4290, 0.4320,
0.3666


 6.6436, 0.6360,
0.3575


 29.2269, 0.5314,
0.3756


 3.2402, 0.6738,
0.3262

 42.1604, 0.5092,
0.3757

 1.2584, 0.7249,
0.2751

 58.4374, 0.4906,
0.3748

 0.1086, 0.9241,
0.0759

 78.4423, 0.4750,
0.3734


 0.0000, 1.0000,
0.0000


 102.5596, 0.4618,
0.3717


 0.0000, 0.0000,
0.0000

 131.1735, 0.4504,

0.3700


 164.6685, 0.4406,
0.3683


 11.8529, 0.5904,
0.3671


 11.8529, 0.5904,
0.3671


 11.6453, 0.5950,
0.3657

 13.2073, 0.5629,
0.3749

 14.9099, 0.5295,
0.3785

 16.9901, 0.4932,
0.3778

 19.4710, 0.4571,
0.3736

 22.3735, 0.4234,
0.3671

■ 25.7167, 0.3934,
0.3593

■ 29.5189, 0.3672,
0.3511

■ 33.7971, 0.3449,
0.3429

■ 38.5672, 0.3260,
0.3351

Harmonies

Analogous

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



11.8529, 0.5616, 0.2876



11.8529, 0.5904, 0.3671



11.8529, 0.5280, 0.4655

Triad

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



11.8529, 0.5904, 0.3671



11.8529, 0.1768, 0.4945



11.8529, 0.1655, 0.1358

Complementary

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



11.8529, 0.5904, 0.3671



17.3076, 0.1975, 0.2299

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.



11.8529, 0.1111, 0.1410



11.8529, 0.5904, 0.3671



11.8529, 0.1106, 0.3006

Square

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



11.8529, 0.5904, 0.3671



11.8529, 0.2884, 0.6167



11.8529, 0.0934, 0.1861



11.8529, 0.2715, 0.1611

Rectangle

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



11.8529, 0.5904, 0.3671



11.8529, 0.4563, 0.5394



11.8529, 0.0934, 0.1861



11.8529, 0.1425, 0.1340

Sweetspot

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



11.8536, 0.5904, 0.3671



51.9503, 0.3704, 0.3522



10.6226, 0.4119, 0.2053



10.9002, 0.3810, 0.3556



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



11.8536, 0.5904, 0.3671



20.5198, 0.5979, 0.3634



28.0598, 0.4581, 0.4732



8.3949, 0.3279, 0.3359



8.4359, 0.5930, 0.3674



0.3320, 0.5336, 0.4145

Inverse Universe

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



17.3076, 0.1975, 0.2299



30.1450, 0.1961, 0.2260



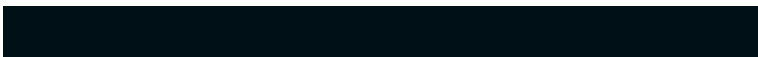
4.4688, 0.1568, 0.0829



8.6577, 0.2986, 0.3220



12.3255, 0.1970, 0.2292



0.4329, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 11.8529, 0.5904, 0.3671 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

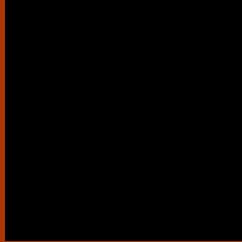
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8529, 0.5904, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 11.8529, 0.5904, 0.3671.



This preview shows how white text looks on a background with the Yxy color 11.8529, 0.5904, 0.3671.

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

11.8529, 0.5904, 0.3671

Protanopia

12.0974, 0.4299, 0.4765

Deuteranopia

12.0397, 0.4682, 0.4665



Tritanopia

11.8641, 0.5433, 0.3263

Trichromacy



Original Color

11.8529, 0.5904, 0.3671

Protanomaly

11.1320, 0.4989, 0.4298

Deuteranomaly

11.3449, 0.5211, 0.4236

Tritanomaly

11.8074, 0.5702, 0.3464

Monochromacy



Original Color

11.8529, 0.5904, 0.3671

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0249, 0.4343, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8529, 0.5904, 0.3671 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(175, 55, 3)` looks like.

```
.text, #text, p{  
  color:rgb(175, 55, 3)  
}
```

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(175, 55, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 55, 3) }
```

Border

The CSS property to change the border of an element to Yxy 11.8529, 0.5904, 0.3671 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(175, 55, 3) }
```

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

```
.border{ border-color:rgb(175, 55, 3) }
```

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

Here you see how a box with a 4 pixel rgb(175, 55, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 55, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 55, 3);  
box-shadow:4px 4px 4px 4px rgb(175, 55, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.8529, 0.5904, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 55, 3) }
```

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

```
.background{ background-color: rgb(175, 55,  
3) }
```

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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