

Converting Colors

$Y_{xy}(11.2731, 0.5762, 0.3755)$

Have a look what the booklet for
Yxy(11.2731, 0.5762, 0.3755)
contains.

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Color

Yxy(11.3519, 0.5758, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	A63C06
RGB	166, 60, 6
RGB Percent	65%, 24%, 2%
CMY	0.3490, 0.7647, 0.9764
CMYK	0.00, 0.64, 0.96, 0.35
HSL	20°, 93%, 34%
HSV	20°, 96%, 65%
XYZ	17.3749, 11.3519, 1.4484
YIQ	85.5380, 80.5100, 5.6780

Conversions

Conversions Part 2

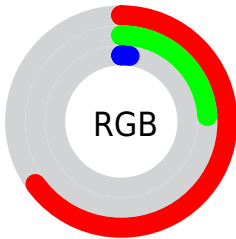
Format	Color
R _Y B	166, 88, 6
Decimal	10894342
CIE Lab	40.17, 41.67, 49.45
CIE LCh	40, 64.667, 49.881
Yxy	11.3519, 0.5758, 0.3762
Android (android.graphics.Color)	4289084422 (0xFFA63C06)
YUV	85.5380, -39.2122, 70.5652
Hunter-Lab	33.6926, 33.0883, 21.0360

Details

The Yxy color **11.3519, 0.5758, 0.3762** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.3853, 0.1953, 0.2202**, and the grayscale version is **9.2761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3878, 0.5182, 0.3816**, and **3.0642, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9365, 0.5853, 0.3735**, and if you desaturate by 10%, it is **12.6745, 0.5480, 0.3831**.

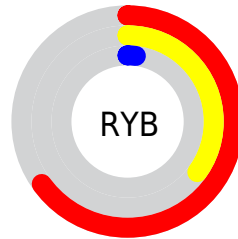
Distribution



Red (65%)

Green (24%)

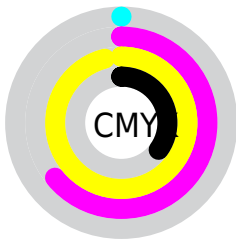
Blue (2%)



Red (65%)

Yellow (35%)

Blue (2%)

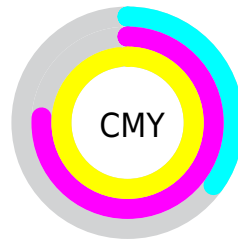


Cyan (0%)

Magenta (64%)

Yellow (96%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3519, 0.5758, 0.3762 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 11.3519, 0.5758, 0.3762 by changing the saturation by 10% instead.


 11.3519, 0.5758,
0.3762


 11.3519, 0.5758,
0.3762


 200.0661, 0.4239,
0.3680

 6.3040, 0.6205,
0.3690


 28.3091, 0.5184,
0.3811


 3.0308, 0.6592,
0.3408

 40.9872, 0.4970,
0.3801


 1.1479, 0.7094,
0.2906

 56.9775, 0.4793,
0.3783

 0.0185, 0.9827,
0.0173


 76.6645, 0.4645,
0.3763


 0.0000, 0.0000,
0.0000


 100.4324, 0.4519,
0.3741


 128.6657, 0.4412,

0.3720

 161.7488, 0.4319,
0.3699


 11.3519, 0.5758,
0.3762

 11.3519, 0.5758,
0.3762


 10.9365, 0.5853,
0.3735

 12.6745, 0.5480,
0.3831

 14.2901, 0.5153,
0.3852

 16.2200, 0.4805,
0.3830

 18.4814, 0.4465,
0.3775

 21.0902, 0.4149,
0.3698

■ 24.0613, 0.3866,
0.3610

■ 27.4084, 0.3620,
0.3519

■ 31.1447, 0.3408,
0.3428

■ 35.2826, 0.3228,
0.3342

Harmonies

Analogous

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



11.3519, 0.5533, 0.2972



11.3519, 0.5758, 0.3762



11.3519, 0.5132, 0.4706

Triad

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



11.3519, 0.5758, 0.3762



11.3519, 0.1787, 0.4696



11.3519, 0.1780, 0.1443

Complementary

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



11.3519, 0.5758, 0.3762



14.3853, 0.1953, 0.2202

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.



11.3519, 0.1214, 0.1475



11.3519, 0.5758, 0.3762



11.3519, 0.1170, 0.2932

Square

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



11.3519, 0.5758, 0.3762



11.3519, 0.2850, 0.5952



11.3519, 0.1019, 0.1889



11.3519, 0.2840, 0.1711

Rectangle

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



11.3519, 0.5758, 0.3762



11.3519, 0.4440, 0.5377



11.3519, 0.1019, 0.1889



11.3519, 0.1542, 0.1419

Sweetspot

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



11.3526, 0.5758, 0.3762



47.7426, 0.3694, 0.3548



9.4228, 0.4211, 0.2116



10.1262, 0.3796, 0.3585



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.3526, 0.5758, 0.3762



19.4964, 0.5885, 0.3709



26.6835, 0.4493, 0.4788



7.9406, 0.3278, 0.3367



8.5596, 0.5837, 0.3748



0.3024, 0.5212, 0.4243

Inverse Universe

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



14.3853, 0.1953, 0.2202



24.8265, 0.1926, 0.2134



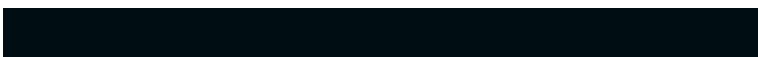
3.8627, 0.1568, 0.0808



8.0992, 0.2987, 0.3212



10.8694, 0.1936, 0.2168



0.3532, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 11.3519, 0.5758, 0.3762 looks on a white background.

Color Contrast Check

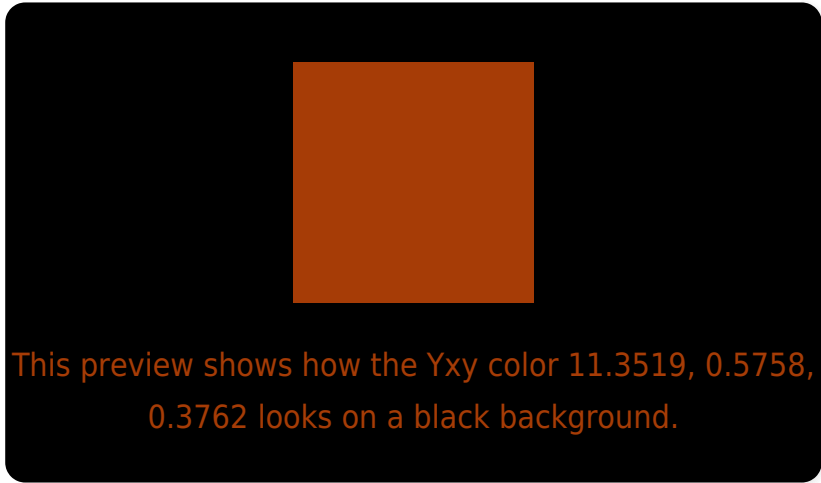
Large Text (above 18pt) WCAG AA ✓ Pass

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

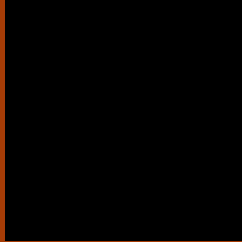
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3519, 0.5758, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 11.3519, 0.5758, 0.3762.



This preview shows how white text looks on a background with the Yxy color 11.3519, 0.5758, 0.3762.

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

11.3519, 0.5758, 0.3762

Protanopia

11.5976, 0.4305, 0.4766

Deuteranopia

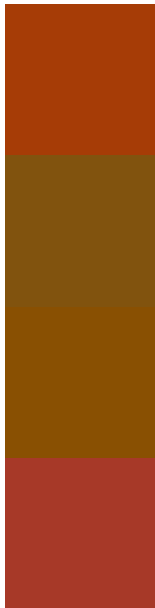
11.5471, 0.4690, 0.4658



Tritanopia

11.3596, 0.5202, 0.3257

Trichromacy



Original Color

11.3519, 0.5758, 0.3762

Protanomaly

10.8853, 0.4894, 0.4357

Deuteranomaly

11.0601, 0.5124, 0.4295

Tritanomaly

11.2949, 0.5501, 0.3494

Monochromacy



Original Color

11.3519, 0.5758, 0.3762

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2480, 0.4216, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3519, 0.5758, 0.3762 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(166, 60, 6)` looks like.

```
.text, #text, p{  
    color:rgb(166, 60, 6)  
}
```

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(166, 60, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 60, 6) }
```

Border

The CSS property to change the border of an element to Yxy 11.3519, 0.5758, 0.3762 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(166, 60, 6) }
```

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

```
.border{ border-color:rgb(166, 60, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 60, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 60, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 60, 6);  
box-shadow:4px 4px 4px 4px rgb(166, 60, 6)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3519, 0.5758, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 60, 6) }
```

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

```
.background{ background-color: rgb(166, 60,  
6) }
```

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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