

Converting Colors

$Y_{xy}(11.1887, 0.5453, 0.3867)$

Have a look what the booklet for
Yxy(11.1887, 0.5453, 0.3867)
contains.

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Color

Yxy(11.1533, 0.5446, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	9B4414
RGB	155, 68, 20
RGB Percent	61%, 27%, 8%
CMY	0.3921, 0.7333, 0.9217
CMYK	0.00, 0.56, 0.87, 0.39
HSL	21°, 77%, 34%
HSV	21°, 87%, 61%
XYZ	15.7116, 11.1533, 1.9849
YIQ	88.5410, 67.2600, 3.5160

Conversions

Conversions Part 2

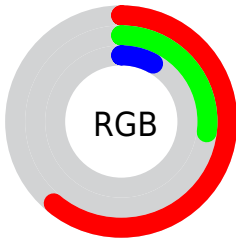
Format	Color
R _Y B	155, 94, 20
Decimal	10175508
CIE Lab	39.84, 33.73, 43.64
CIE LCh	40, 55.151, 52.296
Yxy	11.1533, 0.5446, 0.3866
Android (android.graphics.Color)	4288365588 (0xFF9B4414)
YUV	88.5410, -33.7907, 58.2845
Hunter-Lab	33.3966, 25.5321, 19.8538

Details

The Yxy color **11.1533, 0.5446, 0.3866** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.0242, 0.1996, 0.2269**, and the grayscale version is **9.9478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8213, 0.4914, 0.3846**, and **2.9740, 0.6110, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **10.0065, 0.5719, 0.3800**, and if you desaturate by 10%, it is **12.5404, 0.5130, 0.3886**.

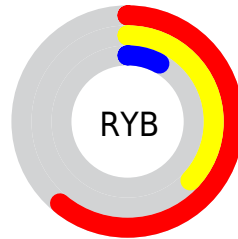
Distribution



Red (61%)

Green (27%)

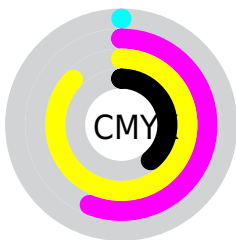
Blue (8%)



Red (61%)

Yellow (37%)

Blue (8%)

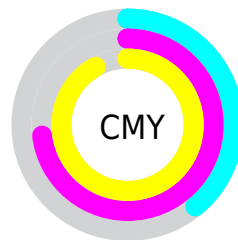


Cyan (0%)

Magenta (56%)

Yellow (87%)

Black (39%)



Cyan (39%)


Magenta (73%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1533, 0.5446, 0.3866 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 11.1533, 0.5446, 0.3866 by changing the saturation by 10% instead.


 11.1533, 0.5446,
0.3866


 11.1533, 0.5446,
0.3866


198.7163, 0.4078,
0.3668


 6.1700, 0.5835,
0.3826

 27.9433, 0.4912,
0.3849


 2.9488, 0.6322,
0.3678

 40.5188, 0.4719,
0.3822


 1.1050, 0.6776,
0.3224

 56.3939, 0.4562,
0.3792

 0.0000, 1.0000,
0.0000

 75.9529, 0.4431,
0.3764


 0.0000, 0.0000,
0.0000


 99.5803, 0.4321,
0.3737

 127.6604, 0.4228,

0.3712


 160.5776, 0.4148,
0.3689


 11.1533, 0.5446,
0.3866

 11.1533, 0.5446,
0.3866


 10.0065, 0.5719,
0.3800

 12.5404, 0.5130,
0.3886

 9.7146, 0.5795,
0.3781

 14.1832, 0.4793,
0.3862

 16.0962, 0.4462,
0.3804

 18.2921, 0.4152,
0.3724

 20.7826, 0.3874,
0.3632

■ 23.5787, 0.3631,
0.3536

■ 26.6908, 0.3420,
0.3442

■ 30.1289, 0.3239,
0.3351

■ 33.9023, 0.3085,
0.3266

Harmonies

Analogous

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



11.1533, 0.5265, 0.3111



11.1533, 0.5446, 0.3866



11.1533, 0.4889, 0.4698

Triad

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



11.1533, 0.5446, 0.3866



11.1533, 0.1912, 0.4356



11.1533, 0.1994, 0.1634

Complementary

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



11.1533, 0.5446, 0.3866



13.0242, 0.1996, 0.2269

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.



11.1533, 0.1428, 0.1650



11.1533, 0.5446, 0.3866



11.1533, 0.1356, 0.2916

Square

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



11.1533, 0.5446, 0.3866



11.1533, 0.2866, 0.5494



11.1533, 0.1222, 0.2022



11.1533, 0.2986, 0.1906

Rectangle

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



11.1533, 0.5446, 0.3866



11.1533, 0.4281, 0.5233



11.1533, 0.1222, 0.2022



11.1533, 0.1761, 0.1606

Sweetspot

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



11.1539, 0.5446, 0.3866



42.5484, 0.3617, 0.3531



8.5454, 0.4125, 0.2142



9.2504, 0.3691, 0.3561



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.1539, 0.5446, 0.3866



17.0707, 0.5829, 0.3754



24.2776, 0.4391, 0.4786



6.5644, 0.3275, 0.3370



7.8689, 0.5780, 0.3792



0.1821, 0.5065, 0.4361

Inverse Universe

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



13.0242, 0.1996, 0.2269



20.1480, 0.1910, 0.2074



4.0477, 0.1642, 0.0954



6.6566, 0.2989, 0.3209



9.2742, 0.1919, 0.2109



0.2067, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 11.1533, 0.5446, 0.3866 looks on a white background.

Color Contrast Check

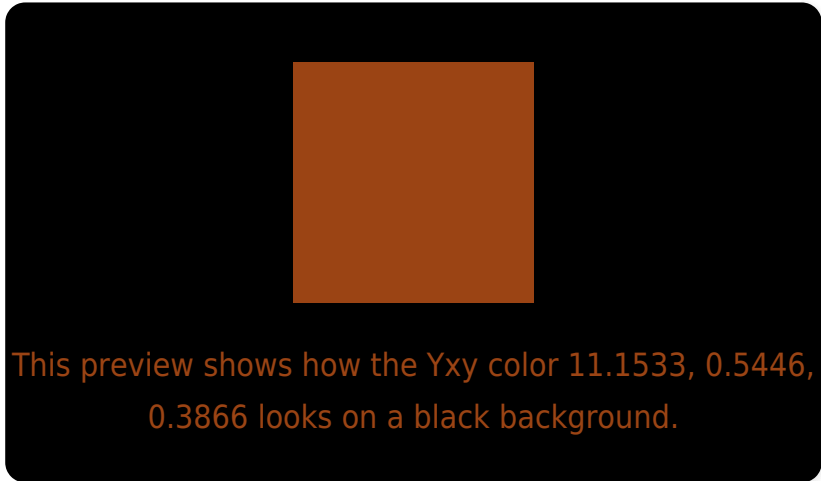
Large Text (above 18pt) WCAG AA ✓ Pass

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

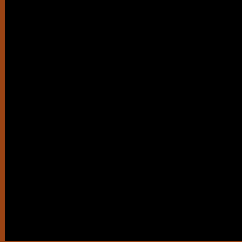
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1533, 0.5446, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 11.1533, 0.5446, 0.3866.



This preview shows how white text looks on a background with the Yxy color 11.1533, 0.5446, 0.3866.

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

11.1533, 0.5446, 0.3866

Protanopia

11.3277, 0.4221, 0.4672

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2522, 0.4824, 0.3234

Trichromacy



Original Color

11.1533, 0.5446, 0.3866

Protanomaly

10.8480, 0.4706, 0.4354

Deuteranomaly

11.0365, 0.5006, 0.4341

Tritanomaly

11.0875, 0.5109, 0.3497

Monochromacy



Original Color

11.1533, 0.5446, 0.3866

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7657, 0.4012, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1533, 0.5446, 0.3866 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(155, 68, 20)` looks like.

```
.text, #text, p{  
    color:rgb(155, 68, 20)  
}
```

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(155, 68, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 68, 20) }
```

Border

The CSS property to change the border of an element to Yxy 11.1533, 0.5446, 0.3866 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(155, 68, 20) }
```

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

```
.border{ border-color:rgb(155, 68, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 68, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 68, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 68, 20);  
box-shadow:4px 4px 4px 4px rgb(155, 68,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1533, 0.5446, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 68, 20) }
```

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

```
.background{ background-color: rgb(155, 68,  
20) }
```

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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