

Converting Colors

$Y_{xy}(11.5516, 0.5157, 0.3588)$

Have a look what the booklet for
Yxy(11.5516, 0.5157, 0.3588)
contains.

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Color

Yxy(11.6086, 0.5158, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	9E442F
RGB	158, 68, 47
RGB Percent	62%, 27%, 18%
CMY	0.3804, 0.7333, 0.8158
CMYK	0.00, 0.57, 0.70, 0.38
HSL	11°, 54%, 40%
HSV	11°, 70%, 62%
XYZ	16.6789, 11.6086, 4.0485
YIQ	92.5160, 60.3810, 12.5490

Conversions

Conversions Part 2

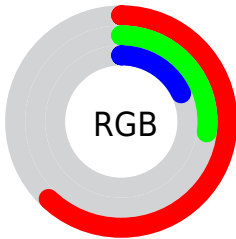
Format	Color
R_{YB}	158, 73, 47
Decimal	10372143
CIE Lab	40.59, 36.02, 30.81
CIE LCh	41, 47.398, 40.545
Yxy	11.6086, 0.5158, 0.3590
Android (android.graphics.Color)	4288562223 (0xFF9E442F)
YUV	92.5160, -22.4394, 57.4295
Hunter-Lab	34.0714, 27.7557, 16.8050




Details

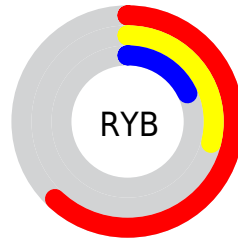
The Yxy color **11.6086, 0.5158, 0.3590** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.9493, 0.2238, 0.2879**, and the grayscale version is **10.8711, 0.3127, 0.3290**.




A 20% lighter version of the original color is **28.7535, 0.4645, 0.3587**, and **3.1676, 0.6150, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **10.1204, 0.5561, 0.3579**, and if you desaturate by 10%, it is **13.4826, 0.4749, 0.3574**.

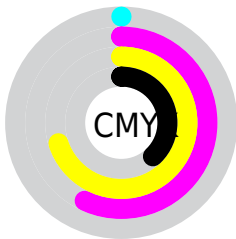
Distribution







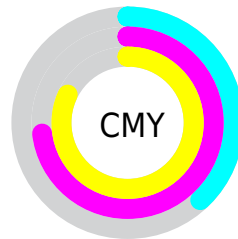
-  Red (62%)
-  Green (27%)
-  Blue (18%)






-  Red (62%)
-  Yellow (29%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (70%)
-  Black (38%)





-  Cyan (38%)
-  Magenta (73%)
-  Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6086, 0.5158, 0.3590 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 11.6086, 0.5158, 0.3590 by changing the saturation by 10% instead.


 11.6086, 0.5158,
0.3590


 11.6086, 0.5158,
0.3590


201.7966, 0.3925,
0.3497


 6.4778, 0.5540,
0.3553


 28.7802, 0.4652,
0.3588


 3.1377, 0.6147,
0.3489

 41.5898, 0.4480,
0.3575

 1.2040, 0.6833,
0.3167

 57.7277, 0.4341,
0.3561

 0.0650, 0.9356,
0.0644

 77.5784, 0.4227,
0.3546

 0.0000, 0.0000,
0.0000

 101.5262, 0.4133,
0.3533

 129.9556, 0.4053,

0.3520

163.2509, 0.3984,
0.3508

■ 11.6086, 0.5158,
0.3590

■ 11.6086, 0.5158,
0.3590

■ 10.1204, 0.5561,
0.3579

■ 13.4826, 0.4749,
0.3574

■ 8.9885, 0.5911,
0.3535

■ 15.7653, 0.4368,
0.3538

■ 8.1936, 0.6178,
0.3476

■ 18.4799, 0.4030,
0.3491

■ 21.6472, 0.3742,
0.3440

■ 25.2870, 0.3499,
0.3388

■ 29.4174, 0.3298,
0.3338

■ 34.0561, 0.3131,
0.3291

■ 39.2194, 0.2993,
0.3248

■ 44.9232, 0.2878,
0.3209

Harmonies

Analogous

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



11.6086, 0.4683, 0.2916



11.6086, 0.5158, 0.3590



11.6086, 0.4944, 0.4309

Triad

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



11.6086, 0.5158, 0.3590



11.6086, 0.2399, 0.4632



11.6086, 0.1896, 0.1796

Complementary

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



11.6086, 0.5158, 0.3590



20.9493, 0.2238, 0.2879

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.



11.6086, 0.1509, 0.1941



11.6086, 0.5158, 0.3590



11.6086, 0.1730, 0.3438

Square

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



11.6086, 0.5158, 0.3590



11.6086, 0.3324, 0.5243



11.6086, 0.1446, 0.2458



11.6086, 0.2636, 0.1941

Rectangle

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



11.6086, 0.5158, 0.3590



11.6086, 0.4516, 0.4777



11.6086, 0.1446, 0.2458



11.6086, 0.1729, 0.1809

Sweetspot

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



11.6092, 0.5158, 0.3590



45.1265, 0.3525, 0.3394



11.1237, 0.3525, 0.1993



9.7747, 0.3585, 0.3407



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.6092, 0.5158, 0.3590



17.1990, 0.5759, 0.3559



21.5982, 0.4425, 0.4409



6.8395, 0.3280, 0.3333



6.6086, 0.6165, 0.3487



0.1670, 0.5552, 0.3974

Inverse Universe

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



20.9493, 0.2238, 0.2879



34.9512, 0.2137, 0.2775



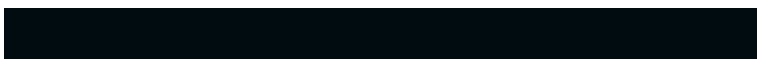
9.1264, 0.1954, 0.1720



7.2956, 0.2988, 0.3247



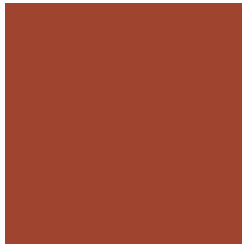
14.4073, 0.2079, 0.2685



0.3081, 0.2153, 0.2952

Previews

White Background



This preview shows how the Yxy color 11.6086, 0.5158, 0.3590 looks on a white background.

Color Contrast Check

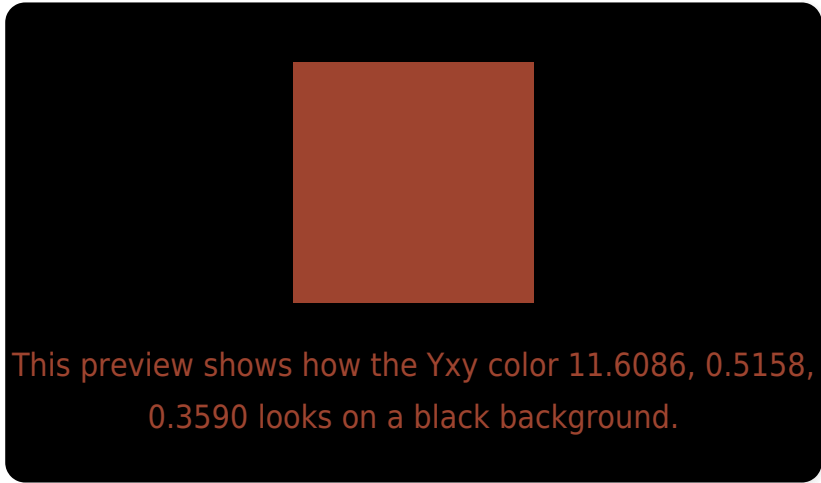
Large Text (above 18pt) WCAG AA ✓ Pass

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

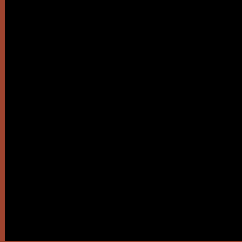
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6086, 0.5158, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 11.6086, 0.5158, 0.3590.



This preview shows how white text looks on a background with the Yxy color 11.6086, 0.5158, 0.3590.

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

11.6086, 0.5158, 0.3590

Protanopia

11.7253, 0.3859, 0.4165

Deuteranopia

11.8145, 0.4338, 0.4274



Tritanopia

11.5812, 0.4822, 0.3235

Trichromacy



Original Color

11.6086, 0.5158, 0.3590

Protanomaly

11.2726, 0.4347, 0.3943

Deuteranomaly

11.4367, 0.4662, 0.3985

Tritanomaly

11.6043, 0.4961, 0.3369

Monochromacy



Original Color

11.6086, 0.5158, 0.3590

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.6444, 0.3844, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6086, 0.5158, 0.3590 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(158, 68, 47)` looks like.

```
.text, #text, p{  
    color:rgb(158, 68, 47)  
}
```

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(158, 68, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 68, 47) }
```

Border

The CSS property to change the border of an element to Yxy 11.6086, 0.5158, 0.3590 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(158, 68, 47) }
```

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

```
.border{ border-color:rgb(158, 68, 47) }
```

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

Here you see how a box with a 4 pixel rgb(158, 68, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 68, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 68, 47);  
box-shadow:4px 4px 4px 4px rgb(158, 68,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6086, 0.5158, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 68, 47) }
```

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

```
.background{ background-color: rgb(158, 68,  
47) }
```

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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