

Converting Colors

$Y_{xy}(11.8132, 0.5494, 0.3538)$

Have a look what the booklet for
Yxy(11.8132, 0.5494, 0.3538)
contains.

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Color

Yxy(11.8132, 0.5494, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	A93C27
RGB	169, 60, 39
RGB Percent	66%, 24%, 15%
CMY	0.3373, 0.7647, 0.8471
CMYK	0.00, 0.64, 0.77, 0.34
HSL	10°, 63%, 41%
HSV	10°, 77%, 66%
XYZ	18.3442, 11.8132, 3.2321
YIQ	90.1970, 71.7050, 16.5770

Conversions

Conversions Part 2

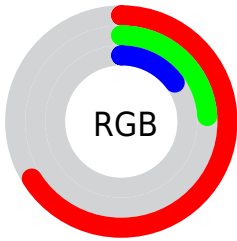
Format	Color
RYB	169, 64, 39
Decimal	11090983
CIELab	40.92, 43.62, 36.21
CIElCh	41, 56.686, 39.698
Yxy	11.8132, 0.5494, 0.3538
Android (android.graphics.Color)	4289281063 (0xFFA93C27)
YUV	90.1970, -25.2401, 69.1102
Hunter-Lab	34.3703, 35.1212, 18.4837

Details

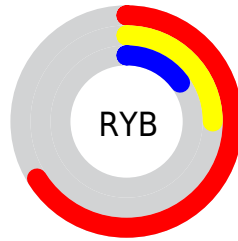
The Yxy color **11.8132, 0.5494, 0.3538** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **24.4711, 0.2204, 0.2902**, and the grayscale version is **10.3172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0672, 0.4933, 0.3579**, and **3.3150, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.4347, 0.5871, 0.3505**, and if you desaturate by 10%, it is **13.6405, 0.5073, 0.3542**.

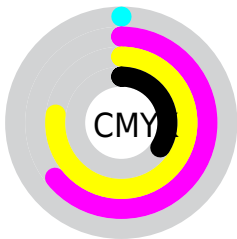
Distribution



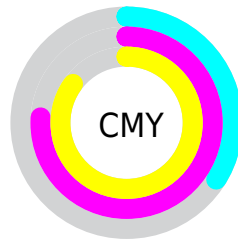
- Red (66%)
- Green (24%)
- Blue (15%)



- Red (66%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)
- Black (34%)





- Cyan (34%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8132, 0.5494, 0.3538 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 11.8132, 0.5494, 0.3538 by changing the saturation by 10% instead.


 11.8132, 0.5494,
0.3538


 11.8132, 0.5494,
0.3538


 203.1647, 0.4078,
0.3513


 6.6166, 0.5906,
0.3459


 29.1544, 0.4926,
0.3577


 3.2235, 0.6628,
0.3372

 42.0679, 0.4728,
0.3575

 1.2495, 0.7123,
0.2877

 58.3224, 0.4567,
0.3567

 0.1016, 0.9222,
0.0778

 78.3023, 0.4434,
0.3557

 0.0000, 1.0000,
0.0000

 102.3921, 0.4323,
0.3546

 0.0000, 0.0000,
0.0000

 130.9762, 0.4229,

0.3535

164.4389, 0.4148,
0.3524

11.8132, 0.5494,
0.3538

11.8132, 0.5494,
0.3538

10.4347, 0.5871,
0.3505

13.6405, 0.5073,
0.3542

9.4617, 0.6157,
0.3448

15.9493, 0.4657,
0.3524

9.2335, 0.6232,
0.3433

18.7716, 0.4276,
0.3490

22.1362, 0.3944,
0.3448

26.0694, 0.3664,
0.3404

■ 30.5960, 0.3432,
0.3360

■ 35.7393, 0.3240,
0.3317

■ 41.5213, 0.3082,
0.3278

■ 47.9631, 0.2951,
0.3242

Harmonies

Analogous

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



11.8132, 0.4941, 0.2809



11.8132, 0.5494, 0.3538



11.8132, 0.5202, 0.4343

Triad

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



11.8132, 0.5494, 0.3538



11.8132, 0.2269, 0.4967



11.8132, 0.1699, 0.1594

Complementary

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



11.8132, 0.5494, 0.3538



24.4711, 0.2204, 0.2902

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.



11.8132, 0.1291, 0.1745



11.8132, 0.5494, 0.3538



11.8132, 0.1522, 0.3477

Square

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



11.8132, 0.5494, 0.3538



11.8132, 0.3316, 0.5633



11.8132, 0.1222, 0.2314



11.8132, 0.2512, 0.1749

Rectangle

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



11.8132, 0.5494, 0.3538



11.8132, 0.4685, 0.4912



11.8132, 0.1222, 0.2314



11.8132, 0.1522, 0.1607

Sweetspot

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



11.8139, 0.5494, 0.3538



49.4158, 0.3577, 0.3388



12.0715, 0.3501, 0.1874



10.1831, 0.3663, 0.3404



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.



11.8139, 0.5494, 0.3538



17.4434, 0.6074, 0.3467



22.8711, 0.4607, 0.4414



7.7310, 0.3282, 0.3327



6.9360, 0.6218, 0.3445



0.2245, 0.5705, 0.3852

Inverse Universe

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



24.4711, 0.2204, 0.2902



40.6631, 0.2124, 0.2807



9.7136, 0.1876, 0.1626



8.3225, 0.2987, 0.3253



16.5487, 0.2105, 0.2777



0.4560, 0.2156, 0.2963

Previews

White Background



This preview shows how the Yxy color 11.8132, 0.5494, 0.3538 looks on a white background.

Color Contrast Check

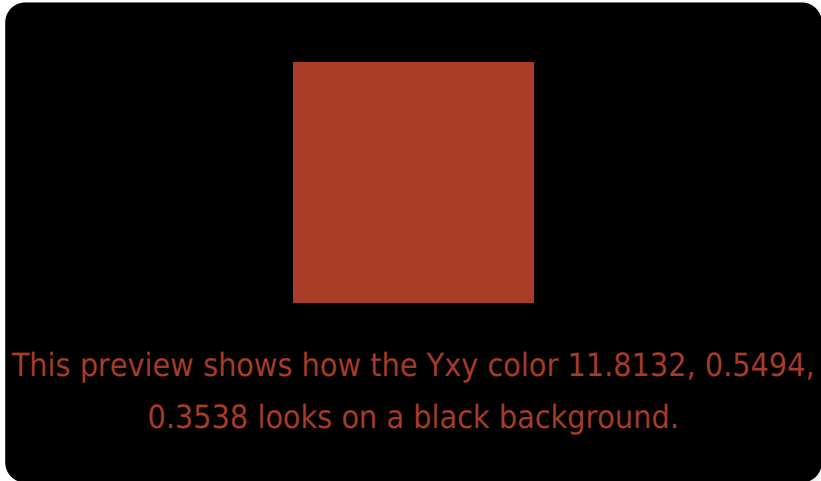
Large Text (above 18pt) WCAG AA ✓ Pass

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

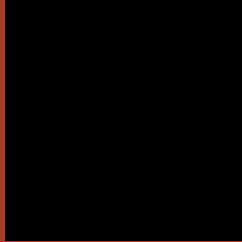
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8132, 0.5494, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 11.8132, 0.5494, 0.3538.



This preview shows how white text looks on a background with the Yxy color 11.8132, 0.5494, 0.3538.

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

11.8132, 0.5494, 0.3538

Protanopia

11.9055, 0.3960, 0.4320

Deuteranopia

11.8908, 0.4491, 0.4413



Tritanopia

11.8092, 0.5189, 0.3245

Trichromacy



Original Color

11.8132, 0.5494, 0.3538

Protanomaly

11.2837, 0.4558, 0.3996

Deuteranomaly

11.3418, 0.4909, 0.4033

Tritanomaly

11.8292, 0.5318, 0.3358

Monochromacy



Original Color

11.8132, 0.5494, 0.3538

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9688, 0.4009, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8132, 0.5494, 0.3538 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(169, 60, 39)` looks like.

```
.text, #text, p{  
    color:rgb(169, 60, 39)  
}
```

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(169, 60, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 60, 39) }
```

Border

The CSS property to change the border of an element to Yxy 11.8132, 0.5494, 0.3538 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(169, 60, 39) }
```

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

```
.border{ border-color:rgb(169, 60, 39) }
```

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

Here you see how a box with a 4 pixel rgb(169, 60, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 60, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 60, 39);  
box-shadow:4px 4px 4px 4px rgb(169, 60,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8132, 0.5494, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 60, 39) }
```

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

```
.background{ background-color: rgb(169, 60,  
39) }
```

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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