

Converting Colors

$Yxy(11.5884, 0.5045, 0.3103)$

Have a look what the booklet for
Yxy(11.5884, 0.5045, 0.3103)
contains.

Yxy(11.5971, 0.5044, 0.3111)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5971, 0.5044, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	A93745
RGB	169, 55, 69
RGB Percent	66%, 22%, 27%
CMY	0.3372, 0.7843, 0.7294
CMYK	0.00, 0.67, 0.59, 0.34
HSL	353°, 51%, 44%
HSV	353°, 67%, 66%
XYZ	18.8029, 11.5971, 6.8777
YIQ	90.6820, 63.4500, 28.5220

Conversions

Conversions Part 2

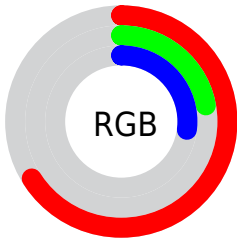
Format	Color
R _Y B	169, 55, 69
Decimal	11089733
CIE Lab	40.57, 47.51, 17.88
CIE LCh	41, 50.763, 20.624
Yxy	11.5971, 0.5044, 0.3111
Android (android.graphics.Color)	4289279813 (0xFFA93745)
YUV	90.6820, -10.6892, 68.6849
Hunter-Lab	34.0545, 38.9617, 11.8638

Details

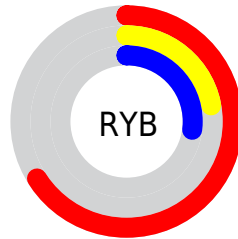
The Yxy color **11.5971, 0.5044, 0.3111** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **31.5556, 0.2431, 0.3538**, and the grayscale version is **10.4005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6675, 0.4555, 0.3194**, and **3.4541, 0.5870, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **10.0961, 0.5480, 0.3121**, and if you desaturate by 10%, it is **13.6951, 0.4618, 0.3120**.

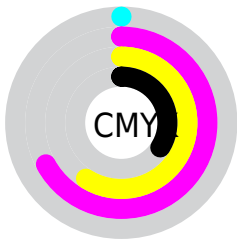
Distribution



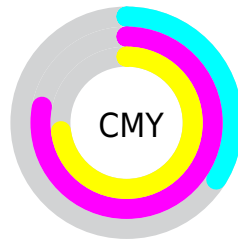
- Red (66%)
- Green (22%)
- Blue (27%)



- Red (66%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (67%)
- Yellow (59%)
- Black (34%)




- Cyan (34%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5971, 0.5044, 0.3111 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 11.5971, 0.5044, 0.3111 by changing the saturation by 10% instead.


 11.5971, 0.5044,
0.3111


 11.5971, 0.5044,
0.3111


201.7194, 0.3867,
0.3273

 6.4700, 0.5433,
0.3022


 28.7591, 0.4551,
0.3198


 3.1329, 0.5994,
0.2861

 41.5628, 0.4387,
0.3221

 1.2015, 0.7253,
0.2694

 57.6942, 0.4256,
0.3237

 0.0629, 0.9531,
0.0469

 77.5376, 0.4149,
0.3249

 0.0000, 1.0000,
0.0000

 101.4774, 0.4060,
0.3258

 0.0000, 0.0000,
0.0000

 129.8981, 0.3986,

0.3264

163.1839, 0.3922,
0.3269

■ 11.5971, 0.5044,
0.3111

■ 11.5971, 0.5044,
0.3111

■ 10.0961, 0.5480,
0.3121

■ 13.6951, 0.4618,
0.3120

■ 9.1279, 0.5874,
0.3153

■ 16.4418, 0.4234,
0.3143

■ 8.5968, 0.6174,
0.3201

■ 19.8858, 0.3907,
0.3172

■ 8.4884, 0.6236,
0.3209

■ 24.0700, 0.3636,
0.3204

■ 29.0344, 0.3416,
0.3237

■ 34.8157, 0.3237,
0.3268

■ 41.4485, 0.3093,
0.3297

■ 48.9654, 0.2977,
0.3324

■ 57.3972, 0.2882,
0.3348

Harmonies

Analogous

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



11.5971, 0.4106, 0.2466



11.5971, 0.5044, 0.3111



11.5971, 0.5281, 0.3829

Triad

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



11.5971, 0.5044, 0.3111



11.5971, 0.2973, 0.5295



11.5971, 0.1522, 0.1776

Complementary

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



11.5971, 0.5044, 0.3111



31.5556, 0.2431, 0.3538

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.



11.5971, 0.1344, 0.2163



11.5971, 0.5044, 0.3111



11.5971, 0.2063, 0.4326

Square

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



11.5971, 0.5044, 0.3111



11.5971, 0.3974, 0.5254



11.5971, 0.1503, 0.3030



11.5971, 0.2042, 0.1737

Rectangle

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



11.5971, 0.5044, 0.3111



11.5971, 0.5038, 0.4339



11.5971, 0.1503, 0.3030



11.5971, 0.1426, 0.1860

Sweetspot

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



11.5978, 0.5044, 0.3111



49.2672, 0.3475, 0.3228



12.4481, 0.2986, 0.1704



10.2114, 0.3533, 0.3219



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.



11.5978, 0.5044, 0.3111



17.1033, 0.5686, 0.3134



17.2243, 0.4805, 0.3884



7.5567, 0.3267, 0.3263



6.3308, 0.6218, 0.3199



0.1584, 0.5593, 0.2855

Inverse Universe

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



11.5978, 0.5044, 0.3111



17.1033, 0.5686, 0.3134



18.9082, 0.2164, 0.2502



7.5567, 0.3267, 0.3263



6.3308, 0.6218, 0.3199



0.1584, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 11.5971, 0.5044, 0.3111 looks on a white background.

Color Contrast Check

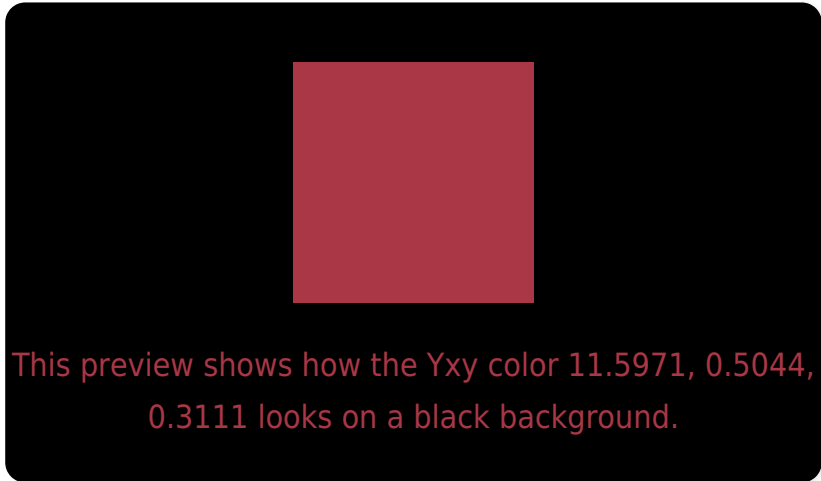
Large Text (above 18pt) WCAG AA ✓ Pass

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

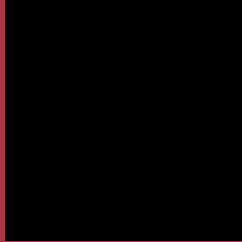
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5971, 0.5044, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 11.5971, 0.5044, 0.3111.



This preview shows how white text looks on a background with the Yxy color 11.5971, 0.5044, 0.3111.

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

11.5971, 0.5044, 0.3111

Protanopia

11.7796, 0.3304, 0.3475

Deuteranopia

11.7262, 0.3977, 0.3910



Tritanopia

11.6875, 0.5196, 0.3258

Trichromacy



Original Color

11.5971, 0.5044, 0.3111

Protanomaly

10.8389, 0.3914, 0.3292

Deuteranomaly

11.1245, 0.4392, 0.3555

Tritanomaly

11.6222, 0.5150, 0.3205

Monochromacy



Original Color

11.5971, 0.5044, 0.3111

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

9.9953, 0.3791, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5971, 0.5044, 0.3111 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, 55, 69)` looks like.

```
.text, #text, p{  
    color:rgb(169, 55, 69)  
}
```

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, 55, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 55, 69) }
```

Border

The CSS property to change the border of an element to Yxy 11.5971, 0.5044, 0.3111 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, 55, 69) }
```

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

```
.border{ border-color:rgb(169, 55, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 55, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 55, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 55, 69);  
box-shadow:4px 4px 4px 4px rgb(169, 55,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5971, 0.5044, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 55, 69) }
```

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

```
.background{ background-color: rgb(169, 55,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor