

Converting Colors

$Y_{xy}(11.6358, 0.5432, 0.3297)$

Have a look what the booklet for
Yxy(11.6358, 0.5432, 0.3297)
contains.

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Color

Yxy(11.5882, 0.5429, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	AD3434
RGB	173, 52, 52
RGB Percent	68%, 20%, 20%
CMY	0.3216, 0.7961, 0.7961
CMYK	0.00, 0.70, 0.70, 0.32
HSL	0°, 54%, 44%
HSV	0°, 70%, 68%
XYZ	19.0817, 11.5882, 4.4778
YIQ	88.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

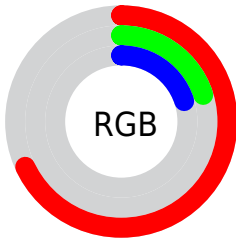
Format	Color
RYB	173, 52, 52
Decimal	11351092
CIELab	40.55, 49.00, 28.47
CIElCh	41, 56.676, 30.157
Yxy	11.5882, 0.5429, 0.3297
Android (android.graphics.Color)	4289541172 (0xFFAD3434)
YUV	88.1790, -17.8362, 74.3880
Hunter-Lab	34.0414, 40.4844, 16.0300

Details

The Yxy color **11.5882, 0.5429, 0.3297** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **33.6265, 0.2336, 0.3287**, and the grayscale version is **9.8283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7013, 0.4852, 0.3369**, and **3.5282, 0.6270, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **10.1891, 0.5867, 0.3298**, and if you desaturate by 10%, it is **13.6114, 0.4955, 0.3296**.

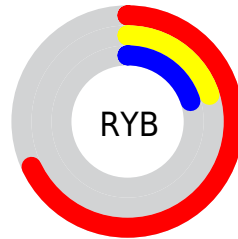
Distribution



Red (68%)

Green (20%)

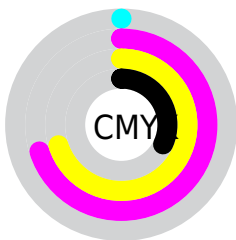
Blue (20%)



Red (68%)

Yellow (20%)

Blue (20%)

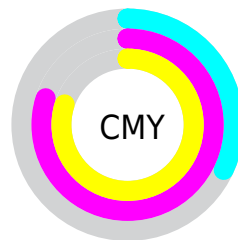


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (32%)



Cyan (32%)


Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5882, 0.5429, 0.3297 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 11.5882, 0.5429, 0.3297 by changing the saturation by 10% instead.


 11.5882, 0.5429,
0.3297


 11.5882, 0.5429,
0.3297


201.6597, 0.4032,
0.3390


 6.4639, 0.5862,
0.3202


 28.7428, 0.4856,
0.3372


 3.1292, 0.6495,
0.3033

 41.5420, 0.4660,
0.3386

 1.1995, 0.7346,
0.2654

 57.6683, 0.4503,
0.3393

 0.0613, 0.9558,
0.0442

 77.5060, 0.4374,
0.3395

 0.0000, 1.0000,
0.0000

 101.4396, 0.4267,
0.3395

 0.0000, 0.0000,
0.0000

 129.8535, 0.4176,

0.3394

163.1321, 0.4099,
0.3392

■ 11.5882, 0.5429,
0.3297

■ 11.5882, 0.5429,
0.3297

■ 10.1891, 0.5867,
0.3298

■ 13.6114, 0.4955,
0.3296

■ 9.3400, 0.6198,
0.3299

■ 16.3177, 0.4505,
0.3294

■ 8.8872, 0.6400,
0.3300

■ 19.7616, 0.4111,
0.3293

■ 8.8853, 0.6401,
0.3300

■ 23.9916, 0.3781,
0.3292

■ 29.0519, 0.3514,
0.3291

■ 34.9836, 0.3299,
0.3291

■ 41.8250, 0.3126,
0.3290

■ 49.6120, 0.2988,
0.3290

■ 58.3789, 0.2877,
0.3289

Harmonies

Analogous

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



11.5882, 0.4606, 0.2589



11.5882, 0.5429, 0.3297



11.5882, 0.5382, 0.4077

Triad

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



11.5882, 0.5429, 0.3297



11.5882, 0.2580, 0.5335



11.5882, 0.1522, 0.1598

Complementary

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



11.5882, 0.5429, 0.3297



33.6265, 0.2336, 0.3287

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.



11.5882, 0.1226, 0.1865



11.5882, 0.5429, 0.3297



11.5882, 0.1703, 0.3962

Square

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



11.5882, 0.5429, 0.3297



11.5882, 0.3661, 0.5590



11.5882, 0.1265, 0.2609



11.5882, 0.2200, 0.1662

Rectangle

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



11.5882, 0.5429, 0.3297



11.5882, 0.4961, 0.4644



11.5882, 0.1265, 0.2609



11.5882, 0.1385, 0.1646

Sweetspot

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



11.5889, 0.5429, 0.3297



50.6535, 0.3548, 0.3291



14.3563, 0.3199, 0.1766



10.4651, 0.3616, 0.3292



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.5889, 0.5429, 0.3297



17.2961, 0.6067, 0.3299



20.8298, 0.4689, 0.4121



8.0156, 0.3286, 0.3291



6.5274, 0.6401, 0.3300



0.1817, 0.6400, 0.3300

Inverse Universe

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



33.6265, 0.2336, 0.3287



59.2846, 0.2273, 0.3287



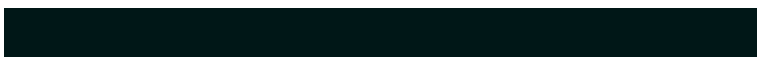
15.4444, 0.2057, 0.2145



9.0718, 0.2987, 0.3290



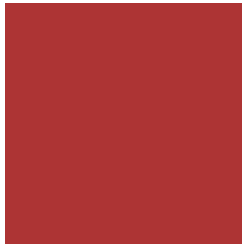
24.1642, 0.2246, 0.3287



0.6723, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 11.5882, 0.5429, 0.3297 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



This preview shows how the Yxy color 11.5882, 0.5429, 0.3297 looks on a 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 11.5882, 0.5429, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 11.5882, 0.5429, 0.3297.



This preview shows how white text looks on a background with the Yxy color 11.5882, 0.5429, 0.3297.

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

11.5882, 0.5429, 0.3297

Protanopia

11.7262, 0.3667, 0.3933

Deuteranopia

11.7657, 0.4284, 0.4232



Tritanopia

11.6066, 0.5395, 0.3273

Trichromacy



Original Color

11.5882, 0.5429, 0.3297

Protanomaly

10.7522, 0.4336, 0.3645

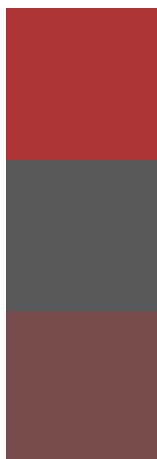
Deuteranomaly

11.0101, 0.4765, 0.3792

Tritanomaly

11.5973, 0.5412, 0.3285

Monochromacy



Original Color

11.5882, 0.5429, 0.3297

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.4621, 0.3965, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5882, 0.5429, 0.3297 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(173, 52, 52)` looks like.

```
.text, #text, p{  
  color:rgb(173, 52, 52)  
}
```

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(173, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 52, 52) }
```

Border

The CSS property to change the border of an element to Yxy 11.5882, 0.5429, 0.3297 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(173, 52, 52) }
```

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

```
.border{ border-color:rgb(173, 52, 52) }
```

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

Here you see how a box with a 4 pixel rgb(173, 52, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(173, 52,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5882, 0.5429, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 52, 52) }
```

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

```
.background{ background-color: rgb(173, 52,  
52) }
```

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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