

Converting Colors

$Y_{xy}(11.5295, 0.5739, 0.3323)$

Have a look what the booklet for
Yxy(11.5295, 0.5739, 0.3323)
contains.

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Color

Yxy(11.5452, 0.5730, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	B32C29
RGB	179, 44, 41
RGB Percent	70%, 17%, 16%
CMY	0.2981, 0.8274, 0.8393
CMYK	0.00, 0.75, 0.77, 0.30
HSL	1°, 63%, 43%
HSV	1°, 77%, 70%
XYZ	19.8900, 11.5452, 3.2768
YIQ	84.0230, 81.4230, 27.6870

Conversions

Conversions Part 2

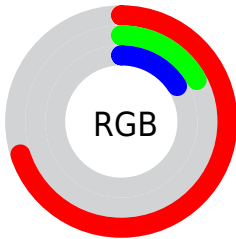
Format	Color
RYB	179, 44, 41
Decimal	11742249
CIELab	40.48, 53.38, 35.18
CIELCh	40, 63.931, 33.382
Yxy	11.5452, 0.5730, 0.3326
Android (android.graphics.Color)	4289932329 (0xFFB32C29)
YUV	84.0230, -21.2103, 83.2948
Hunter-Lab	33.9782, 45.0273, 18.0669

Details

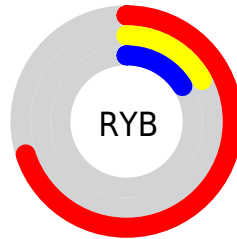
The Yxy color **11.5452, 0.5730, 0.3326** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.7595, 0.2288, 0.3237**, and the grayscale version is **8.9047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5032, 0.5106, 0.3420**, and **3.8516, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.4069, 0.6101, 0.3320**, and if you desaturate by 10%, it is **13.2916, 0.5276, 0.3328**.

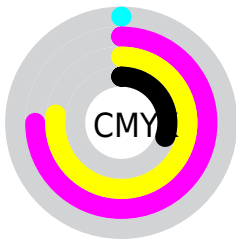
Distribution



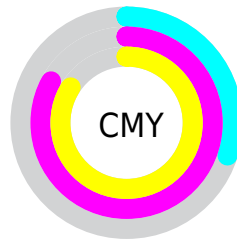
- Red (70%)
- Green (17%)
- Blue (16%)



- Red (70%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (77%)
- Black (30%)




- Cyan (30%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.5452, 0.5730, 0.3326 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 11.5452, 0.5730, 0.3326 by changing the saturation by 10% instead.


 11.5452, 0.5730,
0.3326

 11.5452, 0.5730,
0.3326


201.3707, 0.4171,
0.3440


 6.4348, 0.6182,
0.3202


 28.6640, 0.5106,
0.3424


 3.1112, 0.6948,
0.3042

 41.4412, 0.4887,
0.3441


 1.1901, 0.7503,
0.2497

 57.5429, 0.4710,
0.3449

 0.0536, 0.9647,
0.0353

 77.3533, 0.4563,
0.3451

 0.0000, 1.0000,
0.0000

 101.2569, 0.4441,
0.3451

 0.0000, 0.0000,
0.0000

 129.6380, 0.4337,

0.3448

162.8812, 0.4248,
0.3444

11.5452, 0.5730,
0.3326

11.5452, 0.5730,
0.3326

10.4069, 0.6101,
0.3320

13.2916, 0.5276,
0.3328

9.7898, 0.6332,
0.3312

15.7125, 0.4808,
0.3325

9.6682, 0.6384,
0.3313

18.8679, 0.4377,
0.3320

22.8106, 0.4005,
0.3314

27.5886, 0.3697,
0.3307

■ 33.2459, 0.3447,
0.3300

■ 39.8237, 0.3246,
0.3294

■ 47.3603, 0.3084,
0.3288

■ 55.8921, 0.2953,
0.3283

Harmonies

Analogous

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



11.5452, 0.4928, 0.2579



11.5452, 0.5730, 0.3326



11.5452, 0.5521, 0.4161

Triad

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



11.5452, 0.5730, 0.3326



11.5452, 0.2355, 0.5528



11.5452, 0.1435, 0.1442

Complementary

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



11.5452, 0.5730, 0.3326



34.7595, 0.2288, 0.3237

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.



11.5452, 0.1087, 0.1666



11.5452, 0.5730, 0.3326



11.5452, 0.1467, 0.3843

Square

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



11.5452, 0.5730, 0.3326



11.5452, 0.3510, 0.5898



11.5452, 0.1077, 0.2382



11.5452, 0.2204, 0.1547

Rectangle

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



11.5452, 0.5730, 0.3326



11.5452, 0.5003, 0.4813



11.5452, 0.1077, 0.2382



11.5452, 0.1279, 0.1476

Sweetspot

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



11.5459, 0.5730, 0.3326



52.9887, 0.3598, 0.3305



14.3299, 0.3234, 0.1698



10.9751, 0.3693, 0.3307



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



11.5459, 0.5730, 0.3326



17.7383, 0.6286, 0.3313



21.3953, 0.4853, 0.4185



8.5342, 0.3287, 0.3296



6.8453, 0.6381, 0.3316



0.2253, 0.6297, 0.3382

Inverse Universe

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



34.7595, 0.2288, 0.3237



61.0459, 0.2237, 0.3224



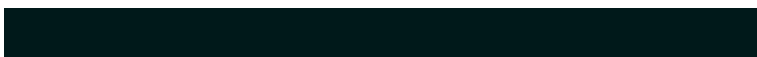
14.3854, 0.1958, 0.1959



9.5988, 0.2986, 0.3285



23.9963, 0.2228, 0.3221



0.7650, 0.2234, 0.3241

Previews

White Background



This preview shows how the Yxy color 11.5452, 0.5730, 0.3326 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 11.5452, 0.5730, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 11.5452, 0.5730, 0.3326.



This preview shows how white text looks on a background with the Yxy color 11.5452, 0.5730, 0.3326.

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

11.5452, 0.5730, 0.3326

Protanopia

11.9090, 0.3850, 0.4185

Deuteranopia

11.8182, 0.4475, 0.4422



Tritanopia

11.5009, 0.5681, 0.3278

Trichromacy



Original Color

11.5452, 0.5730, 0.3326

Protanomaly

10.6743, 0.4612, 0.3788

Deuteranomaly

10.9043, 0.5020, 0.3917

Tritanomaly

11.4933, 0.5696, 0.3288

Monochromacy



Original Color

11.5452, 0.5730, 0.3326

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.5955, 0.4156, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5452, 0.5730, 0.3326 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(179, 44, 41)` looks like.

```
.text, #text, p{  
    color:rgb(179, 44, 41)  
}
```

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(179, 44, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 44, 41) }
```

Border

The CSS property to change the border of an element to Yxy 11.5452, 0.5730, 0.3326 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(179, 44, 41) }
```

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

```
.border{ border-color:rgb(179, 44, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 44, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 44, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 44, 41);  
box-shadow:4px 4px 4px 4px rgb(179, 44,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5452, 0.5730, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 44, 41) }
```

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

```
.background{ background-color: rgb(179, 44,  
41) }
```

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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