

Converting Colors

$Y_{xy}(11.1212, 0.5842, 0.3327)$

Have a look what the booklet for
Yxy(11.1212, 0.5842, 0.3327)
contains.

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Color

Yxy(11.1621, 0.5846, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	B32724
RGB	179, 39, 36
RGB Percent	70%, 15%, 14%
CMY	0.2981, 0.8469, 0.8589
CMYK	0.00, 0.78, 0.80, 0.30
HSL	1°, 67%, 42%
HSV	1°, 80%, 70%
XYZ	19.6311, 11.1621, 2.7872
YIQ	80.5180, 84.4030, 28.7470

Conversions

Conversions Part 2

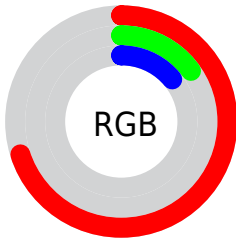
Format	Color
R_{YB}	179, 39, 36
Decimal	11740964
CIE Lab	39.85, 54.81, 37.35
CIE LCh	40, 66.331, 34.274
Yxy	11.1621, 0.5846, 0.3324
Android (android.graphics.Color)	4289931044 (0xFFB32724)
YUV	80.5180, -21.9474, 86.3687
Hunter-Lab	33.4097, 46.4169, 18.4406

Details

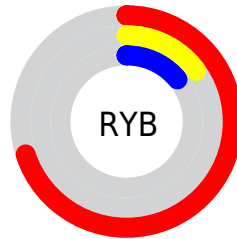
The Yxy color **11.1621, 0.5846, 0.3324** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.6462, 0.2276, 0.3236**, and the grayscale version is **8.1638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0358, 0.5197, 0.3435**, and **3.8516, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.1815, 0.6181, 0.3317**, and if you desaturate by 10%, it is **12.7296, 0.5408, 0.3327**.

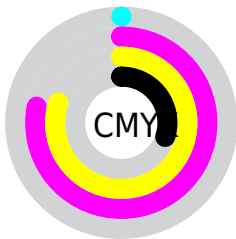
Distribution



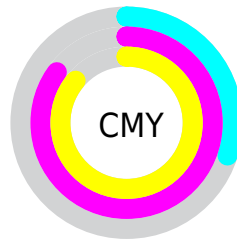
- Red (70%)
- Green (15%)
- Blue (14%)



- Red (70%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (78%)
- Yellow (80%)
- Black (30%)





- Cyan (30%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1621, 0.5846, 0.3324 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 11.1621, 0.5846, 0.3324 by changing the saturation by 10% instead.


 11.1621, 0.5846,
0.3324


 11.1621, 0.5846,
0.3324


198.7763, 0.4221,
0.3456


 6.1760, 0.6307,
0.3184

 27.9595, 0.5200,
0.3436


 2.9524, 0.7026,
0.2974

 40.5396, 0.4971,
0.3456


 1.1069, 0.7594,
0.2406

 56.4198, 0.4786,
0.3465

 0.0000, 1.0000,
0.0000

 75.9845, 0.4633,
0.3468

 0.0000, 0.0000,
0.0000

 99.6181, 0.4504,
0.3467

 127.7050, 0.4395,

0.3464

160.6296, 0.4302,
0.3461

11.1621, 0.5846,
0.3324

11.1621, 0.5846,
0.3324

10.1815, 0.6181,
0.3317

12.7296, 0.5408,
0.3327

9.6691, 0.6383,
0.3313

14.9539, 0.4938,
0.3326

9.6648, 0.6385,
0.3313

17.8973, 0.4493,
0.3321

21.6144, 0.4103,
0.3315

26.1543, 0.3777,
0.3309

■ 31.5623, 0.3512,
0.3302

■ 37.8803, 0.3298,
0.3296

■ 45.1474, 0.3126,
0.3290

■ 53.4006, 0.2987,
0.3285

Harmonies

Analogous

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



11.1621, 0.5050, 0.2565



11.1621, 0.5846, 0.3324



11.1621, 0.5581, 0.4184

Triad

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



11.1621, 0.5846, 0.3324



11.1621, 0.2270, 0.5621



11.1621, 0.1396, 0.1382

Complementary

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



11.1621, 0.5846, 0.3324



34.6462, 0.2276, 0.3236

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.



11.1621, 0.1032, 0.1592



11.1621, 0.5846, 0.3324



11.1621, 0.1380, 0.3805

Square

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



11.1621, 0.5846, 0.3324



11.1621, 0.3452, 0.6023



11.1621, 0.1007, 0.2299



11.1621, 0.2196, 0.1499

Rectangle

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



11.1621, 0.5846, 0.3324



11.1621, 0.5034, 0.4883



11.1621, 0.1007, 0.2299



11.1621, 0.1234, 0.1411

Sweetspot

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



11.1628, 0.5846, 0.3324



51.9758, 0.3624, 0.3305



14.0003, 0.3236, 0.1671



10.7742, 0.3721, 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.



11.1628, 0.5846, 0.3324



17.5002, 0.6336, 0.3309



20.8313, 0.4923, 0.4192



8.5335, 0.3287, 0.3295



6.8435, 0.6381, 0.3315



0.2250, 0.6300, 0.3380

Inverse Universe

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



34.6462, 0.2276, 0.3236



60.9769, 0.2233, 0.3224



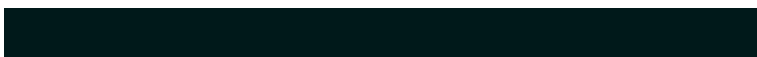
13.7515, 0.1928, 0.1904



9.5997, 0.2986, 0.3285



24.0232, 0.2229, 0.3223



0.7656, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 11.1621, 0.5846, 0.3324 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 11.1621, 0.5846, 0.3324 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 11.1621, 0.5846, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 11.1621, 0.5846, 0.3324.



This preview shows how white text looks on a background with the Yxy color 11.1621, 0.5846, 0.3324.

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

11.1621, 0.5846, 0.3324

Protanopia

11.4356, 0.3921, 0.4255

Deuteranopia

11.3713, 0.4556, 0.4479



Tritanopia

11.1812, 0.5805, 0.3298

Trichromacy



Original Color

11.1621, 0.5846, 0.3324

Protanomaly

10.1349, 0.4719, 0.3819

Deuteranomaly

10.2530, 0.5158, 0.3933

Tritanomaly

11.1747, 0.5819, 0.3307

Monochromacy



Original Color

11.1621, 0.5846, 0.3324

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.0600, 0.4211, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1621, 0.5846, 0.3324 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, 39, 36)` looks like.

```
.text, #text, p{  
  color:rgb(179, 39, 36)  
}
```

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, 39, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 39, 36) }
```

Border

The CSS property to change the border of an element to Yxy 11.1621, 0.5846, 0.3324 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, 39, 36) }
```

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

```
.border{ border-color:rgb(179, 39, 36) }
```

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

Here you see how a box with a 4 pixel rgb(179, 39, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 39, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 39, 36);  
box-shadow:4px 4px 4px 4px rgb(179, 39,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1621, 0.5846, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 39, 36) }
```

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

```
.background{ background-color: rgb(179, 39,  
36) }
```

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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