

Converting Colors

$Yxy(15.6518, 0.5176, 0.3349)$

Have a look what the booklet for
Yxy(15.6518, 0.5176, 0.3349)
contains.

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Color

Yxy(15.5925, 0.5180, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	BD4642
RGB	189, 70, 66
RGB Percent	74%, 27%, 26%
CMY	0.2588, 0.7255, 0.7412
CMYK	0.00, 0.63, 0.65, 0.26
HSL	2°, 48%, 50%
HSV	2°, 65%, 74%
XYZ	24.1607, 15.5925, 6.8891
YIQ	105.1250, 72.2080, 23.9840

Conversions

Conversions Part 2

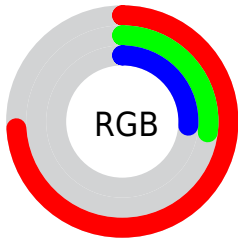
Format	Color
RYB	189, 70, 66
Decimal	12404290
CIELab	46.44, 47.62, 27.95
CIElCh	46, 55.214, 30.415
Yxy	15.5925, 0.5180, 0.3343
Android (android.graphics.Color)	4290594370 (0xFFBD4642)
YUV	105.1250, -19.2886, 73.5584
Hunter-Lab	39.4873, 40.1140, 17.2973

Details

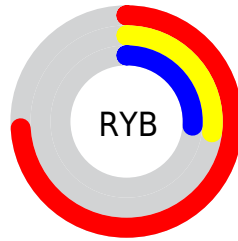
The Yxy color **15.5925, 0.5180, 0.3343** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39.5279, 0.2348, 0.3225**, and the grayscale version is **14.2011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7048, 0.4698, 0.3386**, and **4.8809, 0.6017, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **13.4564, 0.5641, 0.3341**, and if you desaturate by 10%, it is **18.5003, 0.4718, 0.3339**.

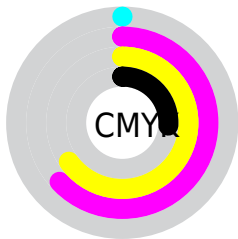
Distribution



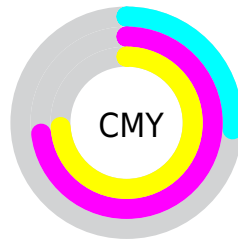
- Red (74%)
- Green (27%)
- Blue (26%)



- Red (74%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (65%)
- Black (26%)





- Cyan (26%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5925, 0.5180, 0.3343 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 15.5925, 0.5180, 0.3343 by changing the saturation by 10% instead.


 15.5925, 0.5180,
0.3343

 15.5925, 0.5180,
0.3343


226.9250, 0.3975,
0.3390

 9.2363, 0.5538,
0.3283


 35.8893, 0.4698,
0.3389


 4.8956, 0.6022,
0.3165

 50.5987, 0.4530,
0.3397


 2.1861, 0.6934,
0.3028

 68.8612, 0.4393,
0.3399


 0.7124, 0.7624,
0.2376

 91.0612, 0.4280,
0.3400

 0.0000, 1.0000,
0.0000

 117.5833, 0.4185,
0.3398

 0.0000, 0.0000,
0.0000

 148.8116, 0.4105,

0.3396

185.1307, 0.4035,
0.3393

■ 15.5925, 0.5180,
0.3343

■ 15.5925, 0.5180,
0.3343

■ 13.4564, 0.5641,
0.3341

■ 18.5003, 0.4718,
0.3339

■ 12.0162, 0.6034,
0.3333

■ 22.2409, 0.4298,
0.3332

■ 11.1858, 0.6293,
0.3319

■ 26.8725, 0.3939,
0.3323

■ 10.9533, 0.6378,
0.3318

■ 32.4471, 0.3643,
0.3313

■ 39.0130, 0.3403,
0.3303

■ 46.6149, 0.3210,
0.3294

■ 55.2950, 0.3055,
0.3286

■ 65.0930, 0.2930,
0.3279

■ 76.0467, 0.2828,
0.3272

Harmonies

Analogous

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



15.5925, 0.4448, 0.2673



15.5925, 0.5180, 0.3343



15.5925, 0.5172, 0.4074

Triad

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



15.5925, 0.5180, 0.3343



15.5925, 0.2661, 0.5049



15.5925, 0.1668, 0.1747

Complementary

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



15.5925, 0.5180, 0.3343



39.5279, 0.2348, 0.3225

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.



15.5925, 0.1385, 0.2007



15.5925, 0.5180, 0.3343



15.5925, 0.1851, 0.3879

Square

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



15.5925, 0.5180, 0.3343



15.5925, 0.3652, 0.5339



15.5925, 0.1430, 0.2698



15.5925, 0.2305, 0.1803

Rectangle

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



15.5925, 0.5180, 0.3343



15.5925, 0.4816, 0.4581



15.5925, 0.1430, 0.2698



15.5925, 0.1536, 0.1794

Sweetspot

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



15.5934, 0.5180, 0.3343



63.4858, 0.3522, 0.3308



18.3009, 0.3221, 0.1848



12.9598, 0.3592, 0.3311



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



15.5934, 0.5180, 0.3343



22.8818, 0.5817, 0.3339



27.0582, 0.4546, 0.4115



9.5849, 0.3288, 0.3298



7.3912, 0.6372, 0.3322



0.3068, 0.6264, 0.3408

Inverse Universe

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



39.5279, 0.2348, 0.3225



68.8445, 0.2271, 0.3210



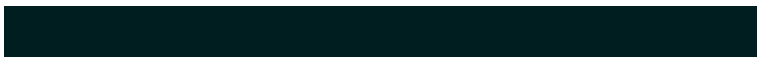
19.6133, 0.2106, 0.2194



10.7547, 0.2985, 0.3282



25.2365, 0.2219, 0.3189



1.0054, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 15.5925, 0.5180, 0.3343 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 15.5925, 0.5180, 0.3343 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 15.5925, 0.5180, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 15.5925, 0.5180, 0.3343.



This preview shows how white text looks on a background with the Yxy color 15.5925, 0.5180, 0.3343.

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

15.5925, 0.5180, 0.3343

Protanopia

15.9000, 0.3615, 0.3879

Deuteranopia

15.8686, 0.4190, 0.4124



Tritanopia

15.5561, 0.5077, 0.3248

Trichromacy



Original Color

15.5925, 0.5180, 0.3343

Protanomaly

14.8168, 0.4184, 0.3649

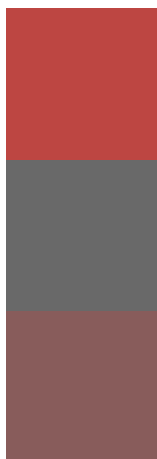
Deuteranomaly

15.1451, 0.4580, 0.3790

Tritanomaly

15.5173, 0.5126, 0.3284

Monochromacy



Original Color

15.5925, 0.5180, 0.3343

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.6439, 0.3851, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5925, 0.5180, 0.3343 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(189, 70, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 70, 66)  
}
```

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(189, 70, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 70, 66) }
```

Border

The CSS property to change the border of an element to Yxy 15.5925, 0.5180, 0.3343 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(189, 70, 66) }
```

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

```
.border{ border-color:rgb(189, 70, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 70, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 70, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 70, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 70,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5925, 0.5180, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 70, 66) }
```

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

```
.background{ background-color: rgb(189, 70,  
66) }
```

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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