

Converting Colors

$Y_{xy}(15.4518, 0.5080, 0.3289)$

Have a look what the booklet for
Yxy(15.4518, 0.5080, 0.3289)
contains.

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Color

Yxy(15.4000, 0.5079, 0.3284)

Conversions

Conversions Part 1

Format	Color
Hex	BB4647
RGB	187, 70, 71
RGB Percent	73%, 27%, 28%
CMY	0.2667, 0.7254, 0.7216
CMYK	0.00, 0.63, 0.62, 0.27
HSL	360°, 46%, 50%
HSV	360°, 63%, 73%
XYZ	23.8175, 15.4000, 7.6766
YIQ	105.0970, 69.4110, 25.1150

Conversions

Conversions Part 2

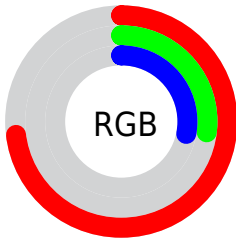
Format	Color
R_{YB}	187, 70, 71
Decimal	12273223
CIE _{Lab}	46.18, 47.22, 24.58
CIE _{LCh}	46, 53.235, 27.498
Yxy	15.4000, 0.5079, 0.3284
Android (android.graphics.Color)	4290463303 (0xFFBB4647)
YUV	105.0970, -16.8098, 71.8289
Hunter-Lab	39.2428, 39.6613, 15.8719

Details

The Yxy color **15.4000, 0.5079, 0.3284** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **40.3819, 0.2385, 0.3303**, and the grayscale version is **14.1887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4543, 0.4622, 0.3336**, and **4.8467, 0.5899, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **13.2109, 0.5551, 0.3286**, and if you desaturate by 10%, it is **18.3917, 0.4618, 0.3284**.

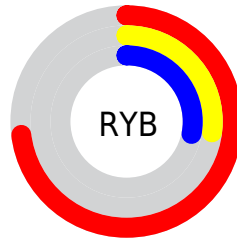
Distribution



Red (73%)

Green (27%)

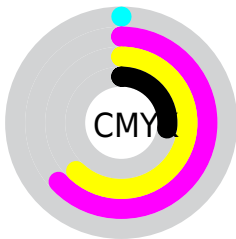
Blue (28%)



Red (73%)

Yellow (27%)

Blue (28%)

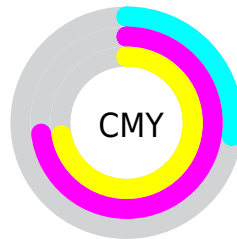


Cyan (0%)

Magenta (63%)

Yellow (62%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4000, 0.5079, 0.3284 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 15.4000, 0.5079, 0.3284 by changing the saturation by 10% instead.


 15.4000, 0.5079,
0.3284


 15.4000, 0.5079,
0.3284


225.7747, 0.3927,
0.3354


 9.1006, 0.5428,
0.3224


 35.5534, 0.4614,
0.3335


 4.8069, 0.5908,
0.3109

 50.1762, 0.4454,
0.3346


 2.1344, 0.6738,
0.2943

 68.3422, 0.4324,
0.3351

 0.6839, 0.7641,
0.2359

 90.4358, 0.4216,
0.3354

 0.0000, 1.0000,
0.0000

 116.8415, 0.4126,
0.3355

 0.0000, 0.0000,
0.0000

147.9436, 0.4050,

0.3356

184.1266, 0.3984,
0.3355

■ 15.4000, 0.5079,
0.3284

■ 15.4000, 0.5079,
0.3284

■ 13.2109, 0.5551,
0.3286

■ 18.3917, 0.4618,
0.3284

■ 11.7447, 0.5968,
0.3289

■ 22.2505, 0.4207,
0.3284

■ 10.9103, 0.6260,
0.3294

■ 27.0375, 0.3860,
0.3285

■ 10.5659, 0.6392,
0.3295

■ 32.8074, 0.3577,
0.3287

■ 39.6107, 0.3350,
0.3288

■ 47.4945, 0.3167,
0.3290

■ 56.5029, 0.3022,
0.3291

■ 66.6777, 0.2904,
0.3292

■ 78.0584, 0.2809,
0.3294

Harmonies

Analogous

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



15.4000, 0.4309, 0.2634



15.4000, 0.5079, 0.3284



15.4000, 0.5149, 0.3996

Triad

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



15.4000, 0.5079, 0.3284



15.4000, 0.2773, 0.5057



15.4000, 0.1662, 0.1795

Complementary

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



15.4000, 0.5079, 0.3284



40.3819, 0.2385, 0.3303

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.



15.4000, 0.1415, 0.2089



15.4000, 0.5079, 0.3284



15.4000, 0.1951, 0.3986

Square

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



15.4000, 0.5079, 0.3284



15.4000, 0.3743, 0.5255



15.4000, 0.1495, 0.2814



15.4000, 0.2252, 0.1821

Rectangle

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



15.4000, 0.5079, 0.3284



15.4000, 0.4842, 0.4490



15.4000, 0.1495, 0.2814



15.4000, 0.1543, 0.1853

Sweetspot

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



15.4009, 0.5079, 0.3284



62.5148, 0.3498, 0.3287



18.2890, 0.3170, 0.1859



13.0332, 0.3568, 0.3287



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.



15.4009, 0.5079, 0.3284



22.5609, 0.5714, 0.3287



26.0690, 0.4516, 0.4042



9.5376, 0.3287, 0.3289



7.2821, 0.6390, 0.3294



0.2857, 0.6349, 0.3271

Inverse Universe

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



15.4009, 0.5079, 0.3284



22.5609, 0.5714, 0.3287



20.9762, 0.2158, 0.2317



9.5376, 0.3287, 0.3289



7.2821, 0.6390, 0.3294



0.2857, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 15.4000, 0.5079, 0.3284 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 15.4000, 0.5079, 0.3284 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 15.4000, 0.5079, 0.3284

Background



This preview shows how black text looks on a background with the Yxy color 15.4000, 0.5079, 0.3284.



This preview shows how white text looks on a background with the Yxy color 15.4000, 0.5079, 0.3284.

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

15.4000, 0.5079, 0.3284

Protanopia

15.6383, 0.3511, 0.3742

Deuteranopia

15.5531, 0.4107, 0.4034



Tritanopia

15.4395, 0.5030, 0.3247

Trichromacy



Original Color

15.4000, 0.5079, 0.3284

Protanomaly

14.5444, 0.4068, 0.3528

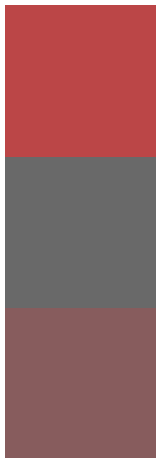
Deuteranomaly

14.8318, 0.4490, 0.3705

Tritanomaly

15.4262, 0.5046, 0.3259

Monochromacy



Original Color

15.4000, 0.5079, 0.3284

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.5955, 0.3802, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4000, 0.5079, 0.3284 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(187, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(187, 70, 71)  
}
```

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(187, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 70, 71) }
```

Border

The CSS property to change the border of an element to Yxy 15.4000, 0.5079, 0.3284 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(187, 70, 71) }
```

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

```
.border{ border-color:rgb(187, 70, 71) }
```

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

Here you see how a box with a 4 pixel rgb(187, 70, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(187, 70,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4000, 0.5079, 0.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 70, 71) }
```

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

```
.background{ background-color: rgb(187, 70,  
71) }
```

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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