

Converting Colors

$Y_{xy}(15.4368, 0.4665, 0.3145)$

Have a look what the booklet for
Yxy(15.4368, 0.4665, 0.3145)
contains.

Yxy(15.4407, 0.4660, 0.3143) 3

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Color

Yxy(15.4407, 0.4660, 0.3143)

Conversions

Conversions Part 1	
Format	Color
Hex	B34C57
RGB	179, 76, 87
RGB Percent	70%, 30%, 34%
CMY	0.2981, 0.7019, 0.6588
CMYK	0.00, 0.58, 0.51, 0.30
HSL	354°, 40%, 50%
HSV	354°, 58%, 70%
XYZ	22.8933, 15.4407, 10.7933
YIQ	108.0510, 57.8570, 25.2570

Conversions

Conversions Part 2

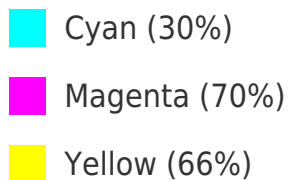
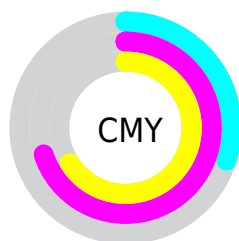
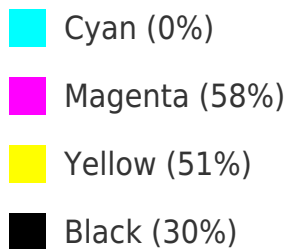
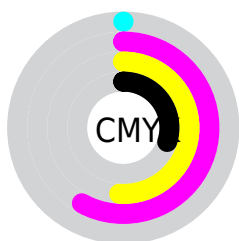
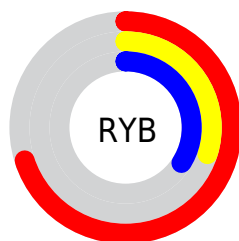
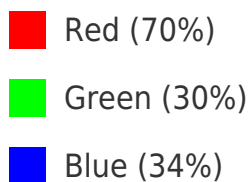
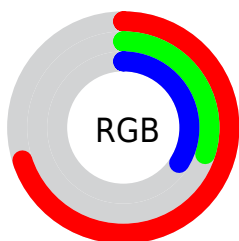
Format	Color
RYB	179, 76, 87
Decimal	11750487
CIELab	46.23, 42.85, 14.74
CIELCh	46, 45.317, 18.976
Yxy	15.4407, 0.4660, 0.3143
Android (android.graphics.Color)	4289940567 (0xFFB34C57)
YUV	108.0510, -10.3781, 62.2223
Hunter-Lab	39.2947, 35.2295, 11.2208

Details

The Yxy color **15.4407, 0.4660, 0.3143** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.5988, 0.2480, 0.3469**, and the grayscale version is **15.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6838, 0.4277, 0.3205**, and **4.8059, 0.5348, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **13.0753, 0.5096, 0.3136**, and if you desaturate by 10%, it is **18.5516, 0.4266, 0.3162**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4407, 0.4660, 0.3143 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 15.4407, 0.4660, 0.3143 by changing the saturation by 10% instead.


 15.4407, 0.4660,
0.3143


 15.4407, 0.4660,
0.3143

226.0184, 0.3750,
0.3263


 9.1293, 0.4948,
0.3086


 35.6245, 0.4288,
0.3203


 4.8256, 0.5358,
0.2990


 50.2656, 0.4161,
0.3220


 2.1453, 0.5979,
0.2808


 68.4520, 0.4059,
0.3233

 0.6899, 0.7462,
0.2538

 90.5682, 0.3975,
0.3242

 0.0000, 1.0000,
0.0000


 116.9986, 0.3905,
0.3249


 0.0000, 0.0000,
0.0000

148.1275, 0.3845,


0.3255


184.3393, 0.3794,
0.3259


 15.4407, 0.4660,
0.3143


 15.4407, 0.4660,
0.3143


 13.0753, 0.5096,
0.3136


 18.5516, 0.4266,
0.3162


 11.3907, 0.5538,
0.3147


 22.4609, 0.3929,
0.3187


 10.3151, 0.5929,
0.3177


 27.2194, 0.3650,
0.3215

 9.7402, 0.6215,
0.3222


 32.8731, 0.3424,
0.3244

 9.6295, 0.6271,
0.3228

 39.4646, 0.3241,
0.3271

 47.0338, 0.3094,
0.3296

 55.6184, 0.2975,
0.3319

 65.2540, 0.2878,
0.3341

 75.9744, 0.2800,
0.3360

Harmonies

Analogous

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



15.4407, 0.3881, 0.2577



15.4407, 0.4660, 0.3143



15.4407, 0.4922, 0.3777

Triad

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



15.4407, 0.4660, 0.3143



15.4407, 0.3091, 0.4896



15.4407, 0.1742, 0.2023

Complementary

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



15.4407, 0.4660, 0.3143



36.5988, 0.2480, 0.3469

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.



15.4407, 0.1604, 0.2401



15.4407, 0.4660, 0.3143



15.4407, 0.2301, 0.4171

Square

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



15.4407, 0.4660, 0.3143



15.4407, 0.3936, 0.4906



15.4407, 0.1781, 0.3159



15.4407, 0.2188, 0.1961

Rectangle

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



15.4407, 0.4660, 0.3143



15.4407, 0.4773, 0.4209



15.4407, 0.1781, 0.3159



15.4407, 0.1663, 0.2110

Sweetspot

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



15.4415, 0.4660, 0.3143



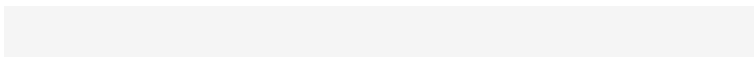
59.1509, 0.3419, 0.3244



16.6378, 0.3038, 0.1896



12.6306, 0.3460, 0.3239



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.



15.4415, 0.4660, 0.3143



22.5124, 0.5214, 0.3137



22.4772, 0.4469, 0.3851



8.5195, 0.3271, 0.3266



6.8107, 0.6252, 0.3218



0.2191, 0.5747, 0.2939

Inverse Universe

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



15.4415, 0.4660, 0.3143



22.5124, 0.5214, 0.3137



23.4059, 0.2272, 0.2603



8.5195, 0.3271, 0.3266



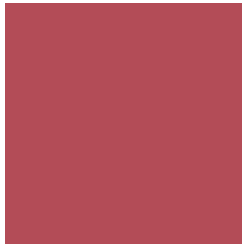
6.8107, 0.6252, 0.3218



0.2191, 0.5747, 0.2939

Previews

White Background



This preview shows how the Yxy color 15.4407, 0.4660, 0.3143 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 15.4407, 0.4660, 0.3143 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 15.4407, 0.4660, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 15.4407, 0.4660, 0.3143.

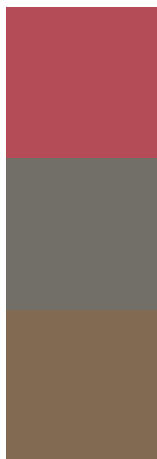


This preview shows how white text looks on a background with the Yxy color 15.4407, 0.4660, 0.3143.

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

15.4407, 0.4660, 0.3143

Protanopia

15.7287, 0.3258, 0.3413

Deuteranopia

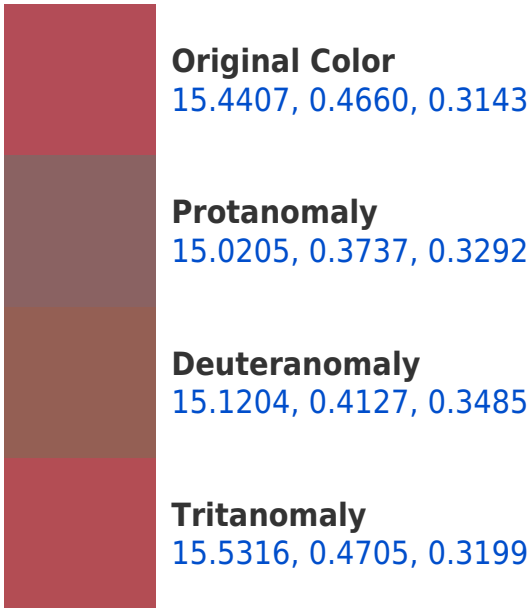
15.6631, 0.3808, 0.3755



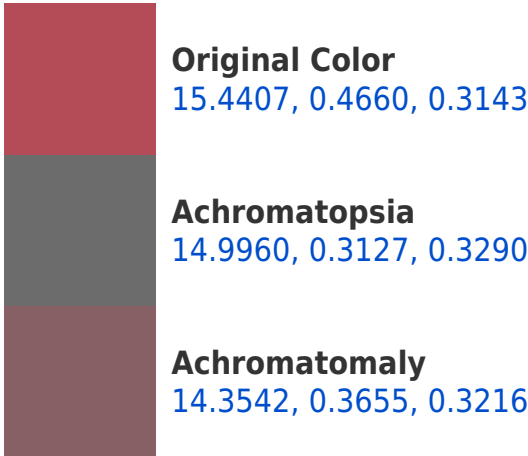
Tritanopia

15.5007, 0.4739, 0.3226

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4407, 0.4660, 0.3143 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, 76, 87)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 87)  
}
```

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, 76, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 87) }
```

Border

The CSS property to change the border of an element to Yxy 15.4407, 0.4660, 0.3143 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, 76, 87) }
```

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

```
.border{ border-color:rgb(179, 76, 87) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 87);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
87) }
```

Background

The CSS property to change the background color of an element to Yxy 15.4407, 0.4660, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 87) }
```

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

```
.background{ background-color: rgb(179, 76,  
87) }
```

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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