

Converting Colors

$Y_{xy}(15.3190, 0.4658, 0.3210)$

Have a look what the booklet for
Yxy(15.3190, 0.4658, 0.3210)
contains.

Yxy(15.3190, 0.4658, 0.3210)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.3190, 0.4658, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	B04E54
RGB	176, 78, 84
RGB Percent	69%, 31%, 33%
CMY	0.3098, 0.6941, 0.6706
CMYK	0.00, 0.56, 0.52, 0.31
HSL	356°, 39%, 50%
HSV	356°, 56%, 69%
XYZ	22.2293, 15.3190, 10.1745
YIQ	107.9860, 56.4820, 22.6420

Conversions

Conversions Part 2

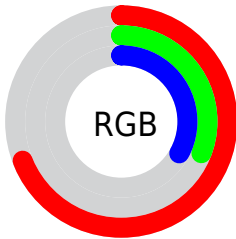
Format	Color
RYB	176, 78, 84
Decimal	11554388
CIELab	46.07, 40.52, 16.26
CIELCh	46, 43.662, 21.859
Yxy	15.3190, 0.4658, 0.3210
Android (android.graphics.Color)	4289744468 (0xFFB04E54)
YUV	107.9860, -11.8251, 59.6483
Hunter-Lab	39.1395, 32.8849, 11.9849

Details

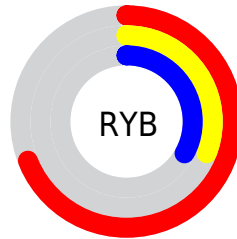
The Yxy color **15.3190, 0.4658, 0.3210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5723, 0.2468, 0.3387**, and the grayscale version is **15.0149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3209, 0.4289, 0.3260**, and **4.8072, 0.5363, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **12.9155, 0.5106, 0.3206**, and if you desaturate by 10%, it is **18.4544, 0.4254, 0.3221**.

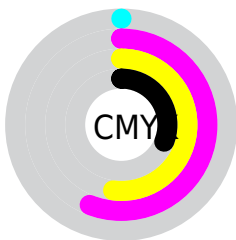
Distribution



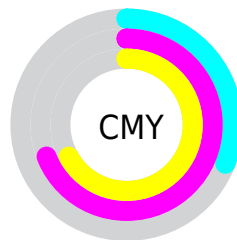
- Red (69%)
- Green (31%)
- Blue (33%)



- Red (69%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3190, 0.4658, 0.3210 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 15.3190, 0.4658, 0.3210 by changing the saturation by 10% instead.


 15.3190, 0.4658,
0.3210


 15.3190, 0.4658,
0.3210


225.2890, 0.3747,
0.3293


 9.0436, 0.4946,
0.3163


 35.4118, 0.4285,
0.3256


 4.7696, 0.5357,
0.3078

 49.9980, 0.4158,
0.3268

 2.1127, 0.5985,
0.2912

 68.1233, 0.4056,
0.3276

 0.6718, 0.7386,
0.2614

 90.1720, 0.3972,
0.3282

 0.0000, 1.0000,
0.0000


 116.5285, 0.3902,
0.3286


 0.0000, 0.0000,
0.0000


147.5772, 0.3843,


0.3289


183.7026, 0.3792,
0.3292


 15.3190, 0.4658,
0.3210

 15.3190, 0.4658,
0.3210


 12.9155, 0.5106,
0.3206


 18.4544, 0.4254,
0.3221

 11.1824, 0.5562,
0.3213


 22.3718, 0.3911,
0.3235


 10.0522, 0.5963,
0.3231

 27.1197, 0.3628,
0.3251

 9.4385, 0.6246,
0.3258

 32.7423, 0.3399,
0.3267

 9.2536, 0.6333,
0.3262

 39.2802, 0.3215,
0.3282

■ 46.7718, 0.3067,
0.3296

■ 55.2532, 0.2948,
0.3309

■ 64.7586, 0.2851,
0.3321

■ 75.3206, 0.2772,
0.3331

Harmonies

Analogous

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



15.3190, 0.3943, 0.2647



15.3190, 0.4658, 0.3210



15.3190, 0.4860, 0.3833

Triad

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



15.3190, 0.4658, 0.3210



15.3190, 0.3019, 0.4796



15.3190, 0.1809, 0.2041

Complementary

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



15.3190, 0.4658, 0.3210



35.5723, 0.2468, 0.3387

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.



15.3190, 0.1645, 0.2381



15.3190, 0.4658, 0.3210



15.3190, 0.2267, 0.4047

Square

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



15.3190, 0.4658, 0.3210



15.3190, 0.3844, 0.4881



15.3190, 0.1790, 0.3082



15.3190, 0.2275, 0.2005

Rectangle

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



15.3190, 0.4658, 0.3210



15.3190, 0.4687, 0.4250



15.3190, 0.1790, 0.3082



15.3190, 0.1721, 0.2117

Sweetspot

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



15.3198, 0.4658, 0.3210



57.6224, 0.3433, 0.3264



17.0708, 0.3105, 0.1961



12.0416, 0.3475, 0.3261



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.3198, 0.4658, 0.3210



22.5312, 0.5221, 0.3207



23.3263, 0.4363, 0.3906



8.5134, 0.3278, 0.3276



6.7928, 0.6320, 0.3255



0.2165, 0.6003, 0.3081

Inverse Universe

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



15.3198, 0.4658, 0.3210



22.5312, 0.5221, 0.3207



21.6765, 0.2278, 0.2540



8.5134, 0.3278, 0.3276



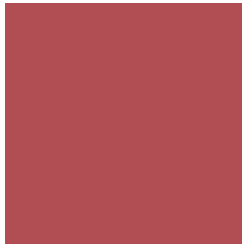
6.7928, 0.6320, 0.3255



0.2165, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 15.3190, 0.4658, 0.3210 looks on a white background.

Color Contrast Check

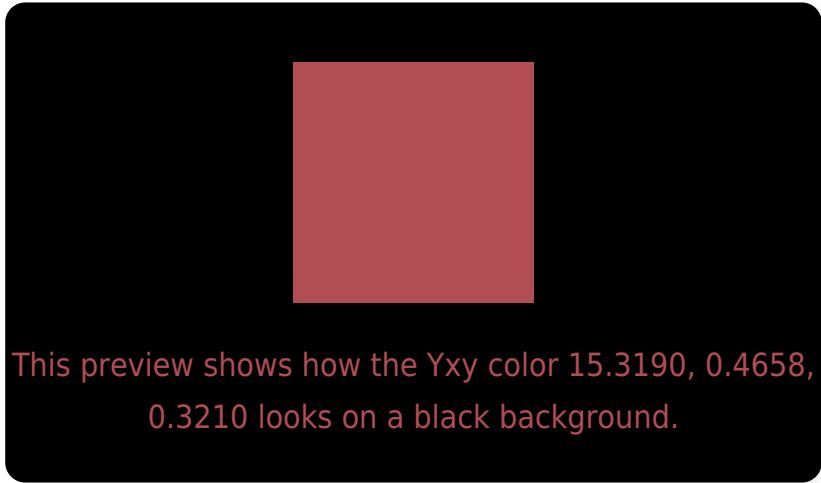
Large Text (above 18pt) WCAG AA ✓ Pass

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

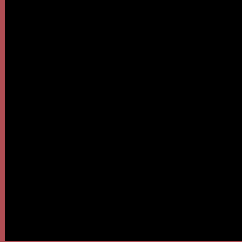
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.3190, 0.4658, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 15.3190, 0.4658, 0.3210.



This preview shows how white text looks on a background with the Yxy color 15.3190, 0.4658, 0.3210.

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

15.3190, 0.4658, 0.3210

Protanopia

15.4155, 0.3326, 0.3497

Deuteranopia

15.4282, 0.3842, 0.3775



Tritanopia

15.3034, 0.4675, 0.3224

Trichromacy



Original Color

15.3190, 0.4658, 0.3210

Protanomaly

14.8619, 0.3784, 0.3367

Deuteranomaly

14.9815, 0.4159, 0.3538

Tritanomaly

15.3034, 0.4675, 0.3224

Monochromacy



Original Color

15.3190, 0.4658, 0.3210

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4368, 0.3651, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3190, 0.4658, 0.3210 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(176, 78, 84)` looks like.

```
.text, #text, p{  
    color:rgb(176, 78, 84)  
}
```

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(176, 78, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 78, 84) }
```

Border

The CSS property to change the border of an element to Yxy 15.3190, 0.4658, 0.3210 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(176, 78, 84) }
```

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

```
.border{ border-color:rgb(176, 78, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 78, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 78, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 78, 84);  
box-shadow:4px 4px 4px 4px rgb(176, 78,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3190, 0.4658, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 78, 84) }
```

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

```
.background{ background-color: rgb(176, 78,  
84) }
```

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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