

Converting Colors

$Y_{xy}(15.1473, 0.5306, 0.3413)$

Have a look what the booklet for
Yxy(15.1473, 0.5306, 0.3413)
contains.

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Color

Yxy(15.1311, 0.5311, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	BC443A
RGB	188, 68, 58
RGB Percent	74%, 27%, 23%
CMY	0.2627, 0.7334, 0.7725
CMYK	0.00, 0.64, 0.69, 0.26
HSL	5°, 53%, 48%
HSV	5°, 69%, 74%
XYZ	23.5733, 15.1311, 5.6814
YIQ	102.7400, 74.7300, 22.3300

Conversions

Conversions Part 2

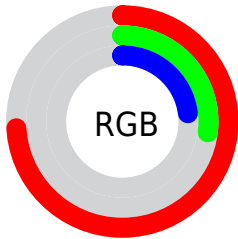
Format	Color
RYB	188, 69, 58
Decimal	12338234
CIELab	45.81, 47.71, 31.84
CIElCh	46, 57.357, 33.717
Yxy	15.1311, 0.5311, 0.3409
Android (android.graphics.Color)	4290528314 (0xFFBC443A)
YUV	102.7400, -22.0568, 74.7730
Hunter-Lab	38.8987, 40.1012, 18.5695

Details

The Yxy color **15.1311, 0.5311, 0.3409** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **36.3848, 0.2299, 0.3128**, and the grayscale version is **13.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0393, 0.4803, 0.3444**, and **4.6888, 0.6182, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **13.1769, 0.5748, 0.3399**, and if you desaturate by 10%, it is **17.7783, 0.4856, 0.3405**.

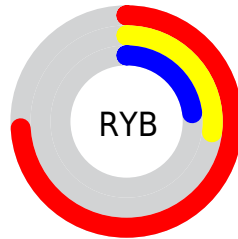
Distribution



Red (74%)

Green (27%)

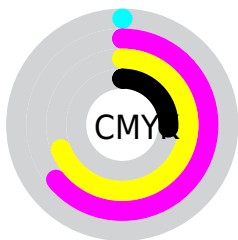
Blue (23%)



Red (74%)

Yellow (27%)

Blue (23%)

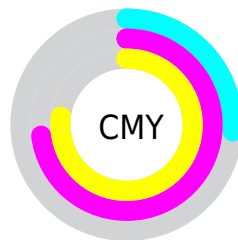


Cyan (0%)

Magenta (64%)

Yellow (69%)

Black (26%)



Cyan (26%)


Magenta (73%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1311, 0.5311, 0.3409 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 15.1311, 0.5311, 0.3409 by changing the saturation by 10% instead.


 15.1311, 0.5311,
0.3409


 15.1311, 0.5311,
0.3409


224.1584, 0.4032,
0.3434


 8.9114, 0.5684,
0.3345


 35.0830, 0.4802,
0.3453


 4.6835, 0.6179,
0.3214


 49.5840, 0.4624,
0.3457

 2.0628, 0.6995,
0.3005


 67.6143, 0.4478,
0.3457

 0.6436, 0.7708,
0.2292

 89.5583, 0.4358,
0.3454

 0.0000, 1.0000,
0.0000

 115.8002, 0.4256,
0.3450

 0.0000, 0.0000,
0.0000

 146.7247, 0.4170,

0.3445

182.7159, 0.4096,
0.3440

■ 15.1311, 0.5311,
0.3409

■ 15.1311, 0.5311,
0.3409

■ 13.1769, 0.5748,
0.3399

■ 17.7783, 0.4856,
0.3405

■ 11.8485, 0.6102,
0.3375

■ 21.1726, 0.4430,
0.3391

■ 11.0652, 0.6329,
0.3345

■ 25.3656, 0.4058,
0.3372

■ 11.0197, 0.6345,
0.3344

■ 30.4036, 0.3746,
0.3350

■ 36.3295, 0.3491,
0.3329

■ 43.1831, 0.3283,
0.3308

■ 51.0019, 0.3114,
0.3288

■ 59.8213, 0.2977,
0.3271

■ 69.6748, 0.2866,
0.3255

Harmonies

Analogous

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



15.1311, 0.4627, 0.2715



15.1311, 0.5311, 0.3409



15.1311, 0.5204, 0.4167

Triad

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



15.1311, 0.5311, 0.3409



15.1311, 0.2522, 0.5049



15.1311, 0.1667, 0.1682

Complementary

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



15.1311, 0.5311, 0.3409



36.3848, 0.2299, 0.3128

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.



15.1311, 0.1340, 0.1904



15.1311, 0.5311, 0.3409



15.1311, 0.1725, 0.3750

Square

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



15.1311, 0.5311, 0.3409



15.1311, 0.3541, 0.5458



15.1311, 0.1345, 0.2557



15.1311, 0.2366, 0.1774

Rectangle

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



15.1311, 0.5311, 0.3409



15.1311, 0.4788, 0.4698



15.1311, 0.1345, 0.2557



15.1311, 0.1520, 0.1717

Sweetspot

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



15.1320, 0.5311, 0.3409



63.3315, 0.3542, 0.3333



16.9889, 0.3310, 0.1848



12.9682, 0.3611, 0.3339



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.



15.1320, 0.5311, 0.3409



22.4891, 0.5947, 0.3388



27.4144, 0.4582, 0.4227



9.6509, 0.3286, 0.3308



7.5457, 0.6334, 0.3353



0.3362, 0.6096, 0.3542

Inverse Universe

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



36.3848, 0.2299, 0.3128



63.2109, 0.2221, 0.3088



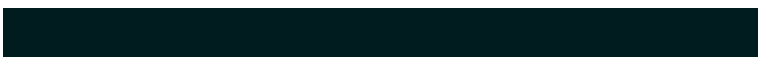
16.6433, 0.2023, 0.1995



10.6807, 0.2985, 0.3272



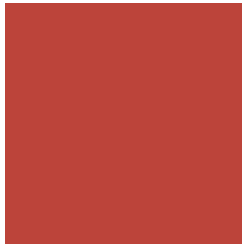
23.0167, 0.2181, 0.3051



0.9392, 0.2198, 0.3112

Previews

White Background



This preview shows how the Yxy color 15.1311, 0.5311, 0.3409 looks on a white background.

Color Contrast Check

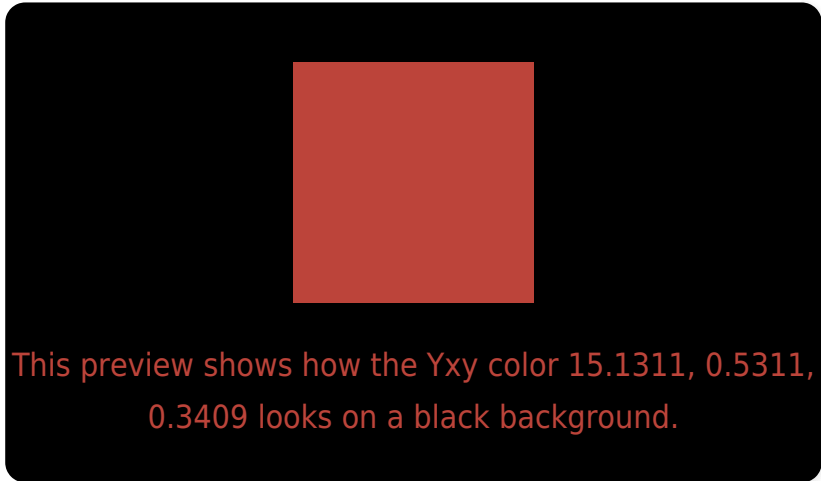
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1311, 0.5311, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 15.1311, 0.5311, 0.3409.



This preview shows how white text looks on a background with the Yxy color 15.1311, 0.5311, 0.3409.

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

15.1311, 0.5311, 0.3409

Protanopia

15.2699, 0.3730, 0.4027

Deuteranopia

15.2905, 0.4305, 0.4236



Tritanopia

15.1574, 0.5153, 0.3249

Trichromacy



Original Color

15.1311, 0.5311, 0.3409

Protanomaly

14.2624, 0.4309, 0.3754

Deuteranomaly

14.6185, 0.4700, 0.3875

Tritanomaly

15.2265, 0.5209, 0.3308

Monochromacy



Original Color

15.1311, 0.5311, 0.3409

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0688, 0.3898, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1311, 0.5311, 0.3409 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(188, 68, 58)` looks like.

```
.text, #text, p{  
    color:rgb(188, 68, 58)  
}
```

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(188, 68, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 68, 58) }
```

Border

The CSS property to change the border of an element to Yxy 15.1311, 0.5311, 0.3409 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(188, 68, 58) }
```

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

```
.border{ border-color:rgb(188, 68, 58) }
```

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

Here you see how a box with a 4 pixel rgb(188, 68, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 68, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 68, 58);  
box-shadow:4px 4px 4px 4px rgb(188, 68,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1311, 0.5311, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 68, 58) }
```

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

```
.background{ background-color: rgb(188, 68,  
58) }
```

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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