

Converting Colors

$Y_{xy}(15.2117, 0.5168, 0.3205)$

Have a look what the booklet for
Yxy(15.2117, 0.5168, 0.3205)
contains.

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Color

Yxy(15.2110, 0.5158, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	BF4048
RGB	191, 64, 72
RGB Percent	75%, 25%, 28%
CMY	0.2510, 0.7490, 0.7176
CMYK	0.00, 0.66, 0.62, 0.25
HSL	356°, 50%, 50%
HSV	356°, 66%, 75%
XYZ	24.4876, 15.2110, 7.7764
YIQ	102.8850, 73.1240, 29.4120

Conversions

Conversions Part 2

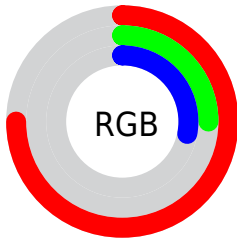
Format	Color
R _Y B	191, 64, 72
Decimal	12533832
CIE Lab	45.92, 51.25, 23.78
CIE LCh	46, 56.500, 24.893
Yxy	15.2110, 0.5158, 0.3204
Android (android.graphics.Color)	4290723912 (0xFFBF4048)
YUV	102.8850, -15.2263, 77.2769
Hunter-Lab	39.0013, 43.8220, 15.4791

Details

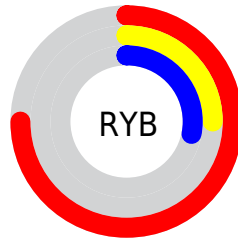
The Yxy color **15.2110, 0.5158, 0.3204** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41.7680, 0.2394, 0.3413**, and the grayscale version is **13.5598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0084, 0.4678, 0.3274**, and **4.9140, 0.5951, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **13.2131, 0.5612, 0.3212**, and if you desaturate by 10%, it is **18.0160, 0.4704, 0.3207**.

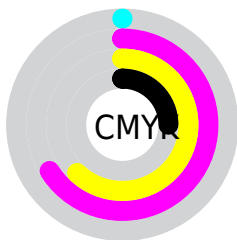
Distribution



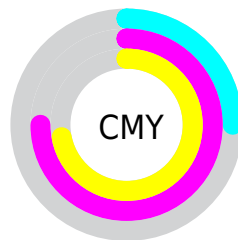
- Red (75%)
- Green (25%)
- Blue (28%)



- Red (75%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (62%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2110, 0.5158, 0.3204 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 15.2110, 0.5158, 0.3204 by changing the saturation by 10% instead.


 15.2110, 0.5158,
0.3204


 15.2110, 0.5158,
0.3204


224.6398, 0.3959,
0.3322


 8.9676, 0.5521,
0.3129


 35.2229, 0.4674,
0.3275


 4.7201, 0.6020,
0.2995

 49.7602, 0.4507,
0.3292


 2.0840, 0.6863,
0.2793

 67.8310, 0.4372,
0.3303

 0.6556, 0.7822,
0.2178

 89.8195, 0.4260,
0.3311

 0.0000, 1.0000,
0.0000

 116.1103, 0.4166,
0.3316

 0.0000, 0.0000,
0.0000

147.0877, 0.4087,

0.3319

183.1360, 0.4018,
0.3321

■ 15.2110, 0.5158,
0.3204

■ 15.2110, 0.5158,
0.3204

■ 13.2131, 0.5612,
0.3212

■ 18.0160, 0.4704,
0.3207

■ 11.9347, 0.6004,
0.3232

■ 21.6987, 0.4293,
0.3217

■ 11.2659, 0.6271,
0.3261

■ 26.3250, 0.3942,
0.3232

■ 11.1020, 0.6337,
0.3265

■ 31.9537, 0.3652,
0.3248

■ 38.6388, 0.3417,
0.3265

■ 46.4305, 0.3229,
0.3280

■ 55.3758, 0.3078,
0.3295

■ 65.5190, 0.2956,
0.3308

■ 76.9020, 0.2857,
0.3321

Harmonies

Analogous

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



15.2110, 0.4285, 0.2540



15.2110, 0.5158, 0.3204



15.2110, 0.5282, 0.3937

Triad

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



15.2110, 0.5158, 0.3204



15.2110, 0.2822, 0.5253



15.2110, 0.1554, 0.1731

Complementary

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



15.2110, 0.5158, 0.3204



41.7680, 0.2394, 0.3413

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.



15.2110, 0.1328, 0.2063



15.2110, 0.5158, 0.3204



15.2110, 0.1939, 0.4151

Square

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



15.2110, 0.5158, 0.3204



15.2110, 0.3839, 0.5344



15.2110, 0.1436, 0.2864



15.2110, 0.2132, 0.1737

Rectangle

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



15.2110, 0.5158, 0.3204



15.2110, 0.4976, 0.4456



15.2110, 0.1436, 0.2864



15.2110, 0.1443, 0.1799

Sweetspot

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



15.2119, 0.5158, 0.3204



64.3878, 0.3501, 0.3258



17.4393, 0.3092, 0.1759



13.3940, 0.3568, 0.3254



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



15.2119, 0.5158, 0.3204



22.4209, 0.5812, 0.3220



24.6487, 0.4699, 0.3992



9.5458, 0.3279, 0.3276



7.3010, 0.6321, 0.3256



0.2894, 0.6032, 0.3097

Inverse Universe

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



15.2119, 0.5158, 0.3204



22.4209, 0.5812, 0.3220



22.4514, 0.2132, 0.2355



9.5458, 0.3279, 0.3276



7.3010, 0.6321, 0.3256



0.2894, 0.6032, 0.3097

Previews

White Background



This preview shows how the Yxy color 15.2110, 0.5158, 0.3204 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 15.2110, 0.5158, 0.3204 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 15.2110, 0.5158, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 15.2110, 0.5158, 0.3204.



This preview shows how white text looks on a background with the Yxy color 15.2110, 0.5158, 0.3204.

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

15.2110, 0.5158, 0.3204

Protanopia

15.4056, 0.3461, 0.3662

Deuteranopia

15.4830, 0.4079, 0.4021



Tritanopia

15.2743, 0.5215, 0.3262

Trichromacy



Original Color

15.2110, 0.5158, 0.3204

Protanomaly

14.3084, 0.4067, 0.3455

Deuteranomaly

14.5997, 0.4511, 0.3653

Tritanomaly

15.2866, 0.5199, 0.3250

Monochromacy



Original Color

15.2110, 0.5158, 0.3204

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0684, 0.3836, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2110, 0.5158, 0.3204 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(191, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(191, 64, 72)  
}
```

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(191, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 64, 72) }
```

Border

The CSS property to change the border of an element to Yxy 15.2110, 0.5158, 0.3204 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(191, 64, 72) }
```

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

```
.border{ border-color:rgb(191, 64, 72) }
```

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

Here you see how a box with a 4 pixel rgb(191, 64, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(191, 64,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2110, 0.5158, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 64, 72) }
```

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

```
.background{ background-color: rgb(191, 64,  
72) }
```

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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