

Converting Colors

$Y_{xy}(10.7126, 0.5759, 0.3100)$

Have a look what the booklet for
Yxy(10.7126, 0.5759, 0.3100)
contains.

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Color

Yxy(10.7408, 0.5764, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	B51931
RGB	181, 25, 49
RGB Percent	71%, 10%, 19%
CMY	0.2902, 0.9019, 0.8079
CMYK	0.00, 0.86, 0.73, 0.29
HSL	351°, 76%, 40%
HSV	351°, 86%, 71%
XYZ	19.9581, 10.7408, 3.9265
YIQ	74.3800, 85.2720, 40.5360

Conversions

Conversions Part 2

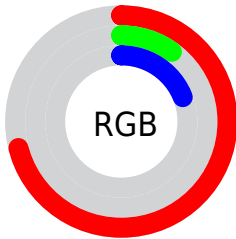
Format	Color
R _Y B	181, 25, 49
Decimal	11868465
CIE Lab	39.14, 59.51, 28.99
CIE LCh	39, 66.200, 25.974
Yxy	10.7408, 0.5764, 0.3102
Android (android.graphics.Color)	4290058545 (0xFFB51931)
YUV	74.3800, -12.5123, 93.5057
Hunter-Lab	32.7732, 51.3493, 15.8377

Details

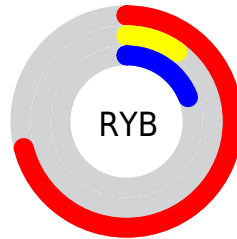
The Yxy color **10.7408, 0.5764, 0.3102** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **35.6896, 0.2390, 0.3707**, and the grayscale version is **6.9321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2041, 0.5115, 0.3240**, and **4.0018, 0.6342, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **10.0876, 0.6083, 0.3161**, and if you desaturate by 10%, it is **11.9338, 0.5363, 0.3068**.

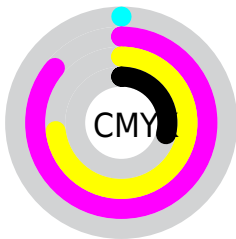
Distribution



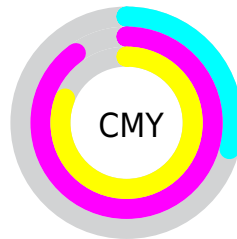
- Red (71%)
- Green (10%)
- Blue (19%)



- Red (71%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (86%)
- Yellow (73%)
- Black (29%)




- Cyan (29%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7408, 0.5764, 0.3102 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 10.7408, 0.5764, 0.3102 by changing the saturation by 10% instead.


 10.7408, 0.5764,
0.3102

 10.7408, 0.5764,
0.3102


195.8805, 0.4160,
0.3332


 5.8928, 0.6252,
0.2954

 27.1799, 0.5109,
0.3241


 2.7800, 0.7000,
0.2725

 39.5397, 0.4884,
0.3274

 1.0180, 0.7794,
0.2206

 55.1723, 0.4703,
0.3295

 0.0000, 1.0000,
0.0000

 74.4621, 0.4554,
0.3309

 0.0000, 0.0000,
0.0000

 97.7934, 0.4431,
0.3319

 125.5507, 0.4326,

0.3325

158.1182, 0.4237,
0.3330

■ 10.7408, 0.5764,
0.3102

■ 10.7408, 0.5764,
0.3102

■ 10.0876, 0.6083,
0.3161

■ 11.9338, 0.5363,
0.3068

■ 9.9067, 0.6183,
0.3180

■ 13.7582, 0.4934,
0.3062

■ 16.2869, 0.4523,
0.3078

■ 19.5820, 0.4158,
0.3108

■ 23.6992, 0.3848,
0.3146

■ 28.6885, 0.3592,
0.3187

■ 34.5963, 0.3383,
0.3228

■ 41.4655, 0.3215,
0.3267

■ 49.3364, 0.3079,
0.3304

Harmonies

Analogous

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



10.7408, 0.4678, 0.2359



10.7408, 0.5764, 0.3102



10.7408, 0.5756, 0.3922

Triad

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



10.7408, 0.5764, 0.3102



10.7408, 0.2574, 0.5952



10.7408, 0.1245, 0.1390

Complementary

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



10.7408, 0.5764, 0.3102



35.6896, 0.2390, 0.3707

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.



10.7408, 0.0979, 0.1711



10.7408, 0.5764, 0.3102



10.7408, 0.1560, 0.4358

Square

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



10.7408, 0.5764, 0.3102



10.7408, 0.3795, 0.5899



10.7408, 0.1048, 0.2618



10.7408, 0.1911, 0.1424

Rectangle

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



10.7408, 0.5764, 0.3102



10.7408, 0.5310, 0.4593



10.7408, 0.1048, 0.2618



10.7408, 0.1118, 0.1451

Sweetspot

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



10.7415, 0.5764, 0.3102



51.1316, 0.3598, 0.3186



11.0010, 0.2852, 0.1413



10.3586, 0.3679, 0.3172



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.



10.7415, 0.5764, 0.3102



17.7219, 0.6213, 0.3196



15.2034, 0.5500, 0.3821



8.5259, 0.3264, 0.3255



6.8363, 0.6159, 0.3166



0.2217, 0.5511, 0.2810

Inverse Universe

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



10.7415, 0.5764, 0.3102



17.7219, 0.6213, 0.3196



19.2451, 0.2014, 0.2336



8.5259, 0.3264, 0.3255



6.8363, 0.6159, 0.3166



0.2217, 0.5511, 0.2810

Previews

White Background



This preview shows how the Yxy color 10.7408, 0.5764, 0.3102 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 10.7408, 0.5764, 0.3102 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 10.7408, 0.5764, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 10.7408, 0.5764, 0.3102.



This preview shows how white text looks on a background with the Yxy color 10.7408, 0.5764, 0.3102.

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

10.7408, 0.5764, 0.3102

Protanopia

11.1697, 0.3568, 0.3834

Deuteranopia

11.0110, 0.4339, 0.4282



Tritanopia

10.7157, 0.6026, 0.3312

Trichromacy



Original Color

10.7408, 0.5764, 0.3102

Protanomaly

9.2823, 0.4438, 0.3410

Deuteranomaly

9.6463, 0.5019, 0.3668

Tritanomaly

10.6612, 0.5942, 0.3239

Monochromacy



Original Color

10.7408, 0.5764, 0.3102

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

6.7207, 0.4227, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7408, 0.5764, 0.3102 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(181, 25, 49)` looks like.

```
.text, #text, p{  
    color:rgb(181, 25, 49)  
}
```

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(181, 25, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 25, 49) }
```

Border

The CSS property to change the border of an element to Yxy 10.7408, 0.5764, 0.3102 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(181, 25, 49) }
```

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

```
.border{ border-color:rgb(181, 25, 49) }
```

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

Here you see how a box with a 4 pixel rgb(181, 25, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 25, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 25, 49);  
box-shadow:4px 4px 4px 4px rgb(181, 25,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7408, 0.5764, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 25, 49) }
```

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

```
.background{ background-color: rgb(181, 25,  
49) }
```

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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