

Converting Colors

$Y_{xy}(11.0381, 0.6159, 0.3257)$

Have a look what the booklet for
Yxy(11.0381, 0.6159, 0.3257)
contains.

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Color

Yxy(11.0403, 0.6154, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	BB111A
RGB	187, 17, 26
RGB Percent	73%, 7%, 10%
CMY	0.2667, 0.9331, 0.8980
CMYK	0.00, 0.91, 0.86, 0.27
HSL	357°, 83%, 40%
HSV	357°, 91%, 73%
XYZ	20.8795, 11.0403, 2.0086
YIQ	68.8560, 98.4310, 38.8390

Conversions

Conversions Part 2

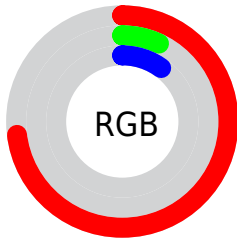
Format	Color
RYB	187, 17, 26
Decimal	12259610
CIELab	39.65, 61.83, 43.10
CIElCh	40, 75.369, 34.880
Yxy	11.0403, 0.6154, 0.3254
Android (android.graphics.Color)	4290449690 (0xFFBB111A)
YUV	68.8560, -21.1280, 103.6123
Hunter-Lab	33.2269, 54.0207, 19.6748

Details

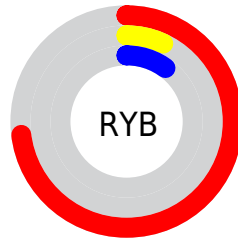
The Yxy color **11.0403, 0.6154, 0.3254** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.8730, 0.2301, 0.3435**, and the grayscale version is **5.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6327, 0.5464, 0.3410**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.5856, 0.6346, 0.3270**, and if you desaturate by 10%, it is **11.9902, 0.5814, 0.3233**.

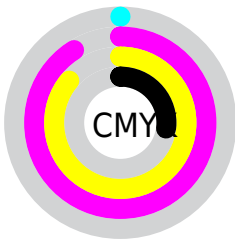
Distribution



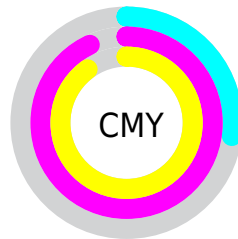
- Red (73%)
- Green (7%)
- Blue (10%)



- Red (73%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (91%)
- Yellow (86%)
- Black (27%)





- Cyan (27%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0403, 0.6154, 0.3254 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 11.0403, 0.6154, 0.3254 by changing the saturation by 10% instead.


 11.0403, 0.6154,
0.3254


 11.0403, 0.6154,
0.3254


197.9438, 0.4376,
0.3474


 6.0939, 0.6640,
0.3077

 27.7347, 0.5467,
0.3416


 2.9023, 0.7239,
0.2761

 40.2515, 0.5217,
0.3449


 1.0809, 0.7828,
0.2172

 56.0605, 0.5011,
0.3467

 0.0000, 1.0000,
0.0000

 75.5463, 0.4840,
0.3476


 0.0000, 0.0000,
0.0000


 99.0931, 0.4696,
0.3479


 127.0854, 0.4574,


0.3479

 159.9075, 0.4468,
0.3477


 11.0403, 0.6154,
0.3254


 11.0403, 0.6154,
0.3254


 10.5856, 0.6346,
0.3270

 11.9902, 0.5814,
0.3233

 13.5857, 0.5379,
0.3221

 15.9149, 0.4916,
0.3219

 19.0519, 0.4479,
0.3225

 23.0616, 0.4097,
0.3236

■ 28.0025, 0.3778,
0.3249

■ 33.9279, 0.3518,
0.3263

■ 40.8869, 0.3308,
0.3276

■ 48.9257, 0.3140,
0.3289

Harmonies

Analogous

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



11.0403, 0.5331, 0.2477



11.0403, 0.6154, 0.3254



11.0403, 0.5803, 0.4194

Triad

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



11.0403, 0.6154, 0.3254



11.0403, 0.2084, 0.5986



11.0403, 0.1255, 0.1220

Complementary

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



11.0403, 0.6154, 0.3254



38.8730, 0.2301, 0.3435

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.



11.0403, 0.0874, 0.1413



11.0403, 0.6154, 0.3254



11.0403, 0.1171, 0.3802

Square

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



11.0403, 0.6154, 0.3254



11.0403, 0.3350, 0.6386



11.0403, 0.0826, 0.2126



11.0403, 0.2108, 0.1351

Rectangle

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



11.0403, 0.6154, 0.3254



11.0403, 0.5080, 0.4920



11.0403, 0.0826, 0.2126



11.0403, 0.1086, 0.1244

Sweetspot

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



11.0410, 0.6154, 0.3254



53.6109, 0.3682, 0.3254



13.1809, 0.3057, 0.1493



11.0495, 0.3777, 0.3249



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.



11.0410, 0.6154, 0.3254



18.9500, 0.6360, 0.3278



18.0340, 0.5393, 0.4001



9.5443, 0.3280, 0.3278



7.2975, 0.6334, 0.3263



0.2887, 0.6088, 0.3127

Inverse Universe

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



11.0410, 0.6154, 0.3254



18.9500, 0.6360, 0.3278



15.5957, 0.1894, 0.1950



9.5443, 0.3280, 0.3278



7.2975, 0.6334, 0.3263



0.2887, 0.6088, 0.3127

Previews

White Background



This preview shows how the Yxy color 11.0403, 0.6154, 0.3254 looks on a white background.

Color Contrast Check

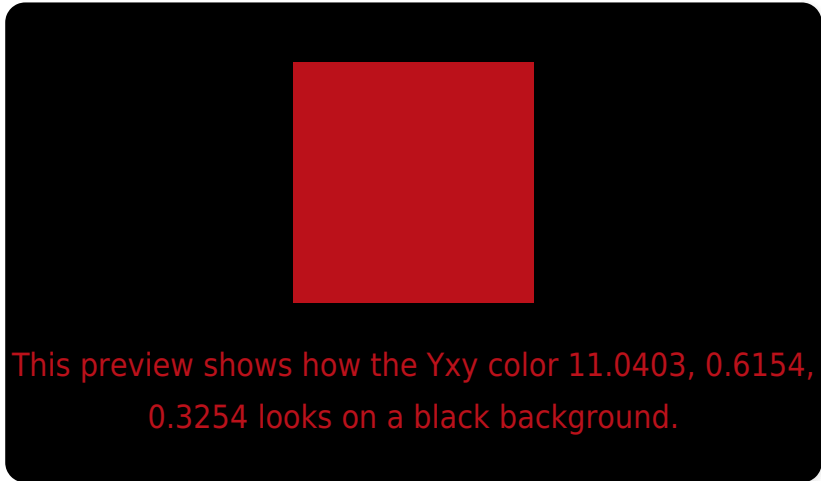
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0403, 0.6154, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 11.0403, 0.6154, 0.3254.



This preview shows how white text looks on a background with the Yxy color 11.0403, 0.6154, 0.3254.

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

11.0403, 0.6154, 0.3254

Protanopia

11.4230, 0.4054, 0.4422

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.0571, 0.6256, 0.3327

Trichromacy



Original Color

11.0403, 0.6154, 0.3254

Protanomaly

9.2988, 0.5028, 0.3791

Deuteranomaly

9.5040, 0.5502, 0.3924

Tritanomaly

11.0379, 0.6228, 0.3303

Monochromacy



Original Color

11.0403, 0.6154, 0.3254

Achromatopsia

5.9511, 0.3127, 0.3290

Achromatomaly

5.9830, 0.4570, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0403, 0.6154, 0.3254 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(187, 17, 26)` looks like.

```
.text, #text, p{  
    color:rgb(187, 17, 26)  
}
```

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(187, 17, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 17, 26) }
```

Border

The CSS property to change the border of an element to Yxy 11.0403, 0.6154, 0.3254 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(187, 17, 26) }
```

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

```
.border{ border-color:rgb(187, 17, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 17, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 17, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 17, 26);  
box-shadow:4px 4px 4px 4px rgb(187, 17,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0403, 0.6154, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 17, 26) }
```

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

```
.background{ background-color: rgb(187, 17,  
26) }
```

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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