

Converting Colors

$Y_{xy}(11.3310, 0.5998, 0.3163)$

Have a look what the booklet for
Yxy(11.3310, 0.5998, 0.3163)
contains.

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Color

Yxy(11.3662, 0.6004, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	BD1127
RGB	189, 17, 39
RGB Percent	74%, 7%, 15%
CMY	0.2588, 0.9334, 0.8469
CMYK	0.00, 0.91, 0.79, 0.26
HSL	352°, 84%, 40%
HSV	352°, 91%, 74%
XYZ	21.5549, 11.3662, 2.9798
YIQ	70.9360, 95.4500, 43.3060

Conversions

Conversions Part 2

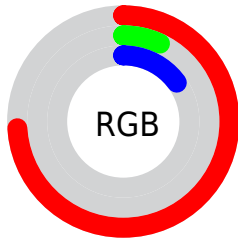
Format	Color
RYB	189, 17, 39
Decimal	12390695
CIELab	40.19, 62.71, 36.61
CIELCh	40, 72.614, 30.276
Yxy	11.3662, 0.6004, 0.3166
Android (android.graphics.Color)	4290580775 (0xFFBD1127)
YUV	70.9360, -15.7444, 103.5421
Hunter-Lab	33.7138, 55.1245, 18.3594

Details

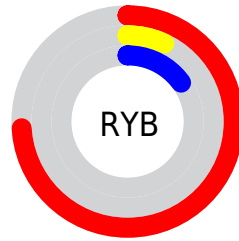
The Yxy color **11.3662, 0.6004, 0.3166** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **39.3063, 0.2363, 0.3656**, and the grayscale version is **6.3039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3549, 0.5323, 0.3313**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.8867, 0.6240, 0.3211**, and if you desaturate by 10%, it is **12.3554, 0.5641, 0.3123**.

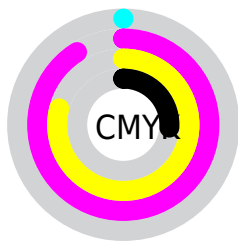
Distribution



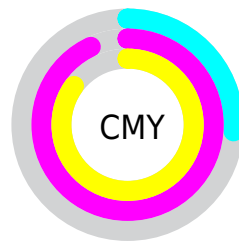
- Red (74%)
- Green (7%)
- Blue (15%)



- Red (74%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (26%)




- Cyan (26%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3662, 0.6004, 0.3166 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 11.3662, 0.6004, 0.3166 by changing the saturation by 10% instead.


 11.3662, 0.6004,
0.3166


 11.3662, 0.6004,
0.3166


200.1630, 0.4292,
0.3397


 6.3137, 0.6484,
0.3000


 28.3354, 0.5327,
0.3318


 3.0368, 0.7237,
0.2763

 41.0208, 0.5086,
0.3352

 1.1510, 0.7815,
0.2185

 57.0194, 0.4890,
0.3372

 0.0211, 0.9882,
0.0118

 76.7155, 0.4728,
0.3384


 0.0000, 1.0000,
0.0000

 100.4935, 0.4593,
0.3392

 0.0000, 0.0000,
0.0000

 128.7379, 0.4477,


0.3396

 161.8329, 0.4378,
0.3397


 11.3662, 0.6004,
0.3166


 11.3662, 0.6004,
0.3166

 10.8867, 0.6240,
0.3211

 12.3554, 0.5641,
0.3123

 13.9996, 0.5213,
0.3104

 16.3880, 0.4776,
0.3106

 19.5951, 0.4372,
0.3125

 23.6865, 0.4022,
0.3154

■ 28.7210, 0.3729,
0.3188

■ 34.7525, 0.3490,
0.3222

■ 41.8306, 0.3297,
0.3255

■ 50.0018, 0.3141,
0.3287

Harmonies

Analogous

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



11.3662, 0.5012, 0.2401



11.3662, 0.6004, 0.3166



11.3662, 0.5811, 0.4034

Triad

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



11.3662, 0.6004, 0.3166



11.3662, 0.2324, 0.6043



11.3662, 0.1226, 0.1284

Complementary

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



11.3662, 0.6004, 0.3166



39.3063, 0.2363, 0.3656

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.



11.3662, 0.0904, 0.1542



11.3662, 0.6004, 0.3166



11.3662, 0.1344, 0.4120

Square

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



11.3662, 0.6004, 0.3166



11.3662, 0.3584, 0.6166



11.3662, 0.0913, 0.2361



11.3662, 0.1982, 0.1367

Rectangle

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



11.3662, 0.6004, 0.3166



11.3662, 0.5243, 0.4757



11.3662, 0.0913, 0.2361



11.3662, 0.1079, 0.1327

Sweetspot

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



11.3669, 0.6004, 0.3166



55.0935, 0.3638, 0.3200



12.1896, 0.2905, 0.1409



11.0977, 0.3725, 0.3188



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.



11.3669, 0.6004, 0.3166



19.4774, 0.6264, 0.3225



16.6063, 0.5567, 0.3858



9.5557, 0.3269, 0.3261



7.3307, 0.6217, 0.3199



0.2937, 0.5704, 0.2916

Inverse Universe

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



11.3669, 0.6004, 0.3166



19.4774, 0.6264, 0.3225



18.6980, 0.1952, 0.2163



9.5557, 0.3269, 0.3261



7.3307, 0.6217, 0.3199



0.2937, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 11.3662, 0.6004, 0.3166 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 11.3662, 0.6004, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 11.3662, 0.6004, 0.3166.



This preview shows how white text looks on a background with the Yxy color 11.3662, 0.6004, 0.3166.

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

11.3662, 0.6004, 0.3166

Protanopia

11.6848, 0.3815, 0.4128

Deuteranopia

11.7938, 0.4521, 0.4481



Tritanopia

11.4331, 0.6210, 0.3322

Trichromacy



Original Color

11.3662, 0.6004, 0.3166

Protanomaly

9.4965, 0.4789, 0.3559

Deuteranomaly

9.9905, 0.5286, 0.3774

Tritanomaly

11.3893, 0.6154, 0.3274

Monochromacy



Original Color

11.3662, 0.6004, 0.3166

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

6.2608, 0.4445, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3662, 0.6004, 0.3166 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(189, 17, 39)` looks like.

```
.text, #text, p{  
    color:rgb(189, 17, 39)  
}
```

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(189, 17, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 17, 39) }
```

Border

The CSS property to change the border of an element to Yxy 11.3662, 0.6004, 0.3166 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(189, 17, 39) }
```

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

```
.border{ border-color:rgb(189, 17, 39) }
```

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

Here you see how a box with a 4 pixel rgb(189, 17, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 17, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 17, 39);  
box-shadow:4px 4px 4px 4px rgb(189, 17,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3662, 0.6004, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 17, 39) }
```

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

```
.background{ background-color: rgb(189, 17,  
39) }
```

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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