

Converting Colors

$Y_{xy}(11.5835, 0.6262, 0.3321)$

Have a look what the booklet for
Yxy(11.5835, 0.6262, 0.3321)
contains.

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Color

Yxy(11.5380, 0.6262, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	BF120D
RGB	191, 18, 13
RGB Percent	75%, 7%, 5%
CMY	0.2510, 0.9294, 0.9490
CMYK	0.00, 0.91, 0.93, 0.25
HSL	2°, 87%, 40%
HSV	2°, 93%, 75%
XYZ	21.7755, 11.5380, 1.4605
YIQ	69.1570, 104.7130, 35.1210

Conversions

Conversions Part 2

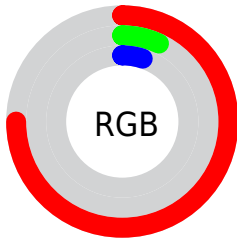
Format	Color
RYB	191, 18, 13
Decimal	12521997
CIELab	40.47, 62.53, 49.85
CIElCh	40, 79.968, 38.559
Yxy	11.5380, 0.6262, 0.3318
Android (android.graphics.Color)	4290712077 (0xFFBF120D)
YUV	69.1570, -27.6854, 106.8563
Hunter-Lab	33.9676, 54.9867, 21.2280

Details

The Yxy color **11.5380, 0.6262, 0.3318** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **38.9669, 0.2233, 0.3208**, and the grayscale version is **6.0129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4133, 0.5588, 0.3490**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.1931, 0.6381, 0.3315**, and if you desaturate by 10%, it is **12.4784, 0.5976, 0.3330**.

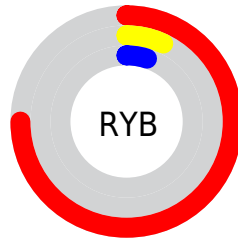
Distribution



Red (75%)

Green (7%)

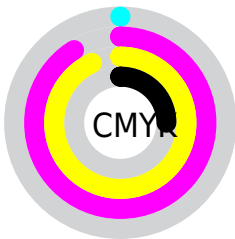
Blue (5%)



Red (75%)

Yellow (7%)

Blue (5%)

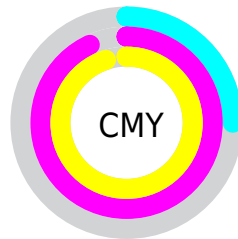


Cyan (0%)

Magenta (91%)

Yellow (93%)

Black (25%)



Cyan (25%)


Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5380, 0.6262, 0.3318 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 11.5380, 0.6262, 0.3318 by changing the saturation by 10% instead.


 11.5380, 0.6262,
0.3318


 11.5380, 0.6262,
0.3318


 201.3223, 0.4467,
0.3540


 6.4299, 0.6760,
0.3148


 28.6508, 0.5591,
0.3493


 3.1082, 0.7219,
0.2781

 41.4244, 0.5339,
0.3528

 1.1885, 0.7791,
0.2209

 57.5218, 0.5129,
0.3545

 0.0523, 0.9719,
0.0281

 77.3277, 0.4953,
0.3552


 0.0000, 1.0000,
0.0000


 101.2262, 0.4803,
0.3553


 0.0000, 0.0000,
0.0000


 129.6019, 0.4675,


0.3551


 162.8391, 0.4564,
0.3546

 11.5380, 0.6262,
0.3318


 11.5380, 0.6262,
0.3318


 11.1931, 0.6381,
0.3315

 12.4784, 0.5976,
0.3330

 14.0631, 0.5565,
0.3336

 16.3807, 0.5098,
0.3336

 19.5054, 0.4639,
0.3332

 23.5021, 0.4228,
0.3325

■ 28.4294, 0.3880,
0.3317

■ 34.3408, 0.3595,
0.3308

■ 41.2854, 0.3364,
0.3300

■ 49.3094, 0.3178,
0.3292

Harmonies

Analogous

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



11.5380, 0.5600, 0.2534



11.5380, 0.6262, 0.3318



11.5380, 0.5719, 0.4281

Triad

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



11.5380, 0.6262, 0.3318



11.5380, 0.1880, 0.5913



11.5380, 0.1279, 0.1166

Complementary

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



11.5380, 0.6262, 0.3318



38.9669, 0.2233, 0.3208

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.



11.5380, 0.0849, 0.1311



11.5380, 0.6262, 0.3318



11.5380, 0.1033, 0.3532

Square

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



11.5380, 0.6262, 0.3318



11.5380, 0.3141, 0.6571



11.5380, 0.0757, 0.1941



11.5380, 0.2221, 0.1336

Rectangle

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



11.5380, 0.6262, 0.3318



11.5380, 0.4935, 0.5065



11.5380, 0.0757, 0.1941



11.5380, 0.1090, 0.1176

Sweetspot

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



11.5387, 0.6262, 0.3318



55.7133, 0.3737, 0.3313



14.9972, 0.3247, 0.1586



11.2605, 0.3869, 0.3317



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.



11.5387, 0.6262, 0.3318



19.9886, 0.6387, 0.3311



21.2036, 0.5229, 0.4167



9.5781, 0.3288, 0.3297



7.3756, 0.6376, 0.3319



0.3038, 0.6283, 0.3393

Inverse Universe

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



38.9669, 0.2233, 0.3208



69.2951, 0.2222, 0.3200



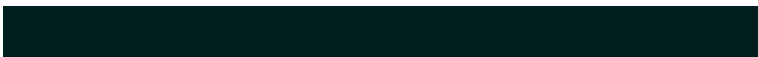
12.7788, 0.1803, 0.1642



10.7623, 0.2985, 0.3283



25.4712, 0.2223, 0.3203



1.0123, 0.2229, 0.3224

Previews

White Background



This preview shows how the Yxy color 11.5380, 0.6262, 0.3318 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 11.5380, 0.6262, 0.3318 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 11.5380, 0.6262, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 11.5380, 0.6262, 0.3318.



This preview shows how white text looks on a background with the Yxy color 11.5380, 0.6262, 0.3318.

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

11.5380, 0.6262, 0.3318

Protanopia

11.8943, 0.4214, 0.4635

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.5287, 0.6283, 0.3330

Trichromacy



Original Color

11.5380, 0.6262, 0.3318

Protanomaly

9.6892, 0.5230, 0.3935

Deuteranomaly

9.9946, 0.5518, 0.3953

Tritanomaly

11.5309, 0.6278, 0.3327

Monochromacy



Original Color

11.5380, 0.6262, 0.3318

Achromatopsia

5.9511, 0.3127, 0.3290

Achromatomaly

6.0137, 0.4689, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5380, 0.6262, 0.3318 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, 18, 13)` looks like.

```
.text, #text, p{  
    color:rgb(191, 18, 13)  
}
```

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, 18, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 18, 13) }
```

Border

The CSS property to change the border of an element to Yxy 11.5380, 0.6262, 0.3318 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, 18, 13) }
```

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

```
.border{ border-color:rgb(191, 18, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 18, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 18, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 18, 13);  
box-shadow:4px 4px 4px 4px rgb(191, 18,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5380, 0.6262, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 18, 13) }
```

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

```
.background{ background-color: rgb(191, 18,  
13) }
```

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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