

Converting Colors

$Yxy(7.9114, 0.6719, 0.2695)$

Have a look what the booklet for
Yxy(7.9114, 0.6719, 0.2695)
contains.

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Color

Yxy(10.9126, 0.6178, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	BD001E
RGB	189, 0, 30
RGB Percent	74%, 0%, 12%
CMY	0.2588, 0.9999, 0.8824
CMYK	0.00, 1.00, 0.84, 0.26
HSL	350°, 100%, 37%
HSV	350°, 100%, 74%
XYZ	21.2207, 10.9126, 2.2155
YIQ	59.9310, 103.0140, 49.3980

Conversions

Conversions Part 2

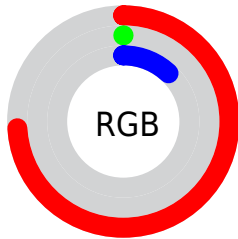
Format	Color
RYB	189, 0, 30
Decimal	12386334
CIELab	39.43, 64.39, 40.97
CIElCh	39, 76.322, 32.469
Yxy	10.9126, 0.6178, 0.3177
Android (android.graphics.Color)	4290576414 (0xFFBD001E)
YUV	59.9310, -14.7560, 113.1935
Hunter-Lab	33.0342, 56.8557, 19.1476

Details

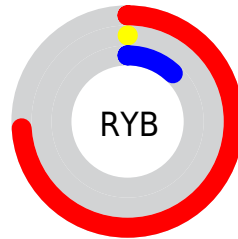
The Yxy color **10.9126, 0.6178, 0.3177** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **38.9003, 0.2389, 0.3799**, and the grayscale version is **4.5216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4252, 0.5476, 0.3352**, and **4.4356, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9124, 0.6178, 0.3177**, and if you desaturate by 10%, it is **11.4788, 0.5894, 0.3116**.

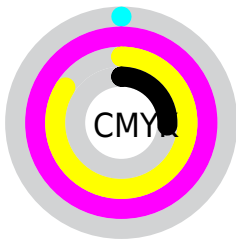
Distribution



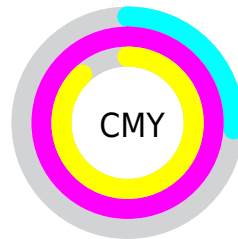
- Red (74%)
- Green (0%)
- Blue (12%)



- Red (74%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (26%)





- Cyan (26%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9126, 0.6178, 0.3177 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 10.9126, 0.6178, 0.3177 by changing the saturation by 10% instead.


 10.9126, 0.6178,
0.3177


 10.9126, 0.6178,
0.3177


197.0670, 0.4377,
0.3434


 6.0081, 0.6669,
0.2991

 27.4984, 0.5477,
0.3351


 2.8500, 0.7320,
0.2680

 39.9486, 0.5223,
0.3389


 1.0539, 0.7917,
0.2083

 55.6827, 0.5016,
0.3411

 0.0000, 1.0000,
0.0000


 75.0852, 0.4843,
0.3424


 0.0000, 0.0000,
0.0000


 98.5405, 0.4698,
0.3431


 126.4329, 0.4575,


0.3434

 159.1470, 0.4469,
0.3435


 10.9126, 0.6178,
0.3177


 10.9126, 0.6178,
0.3177


 10.9124, 0.6178,
0.3177

 11.4788, 0.5894,
0.3116

 12.5402, 0.5519,
0.3071

 14.2649, 0.5095,
0.3053

 16.7388, 0.4673,
0.3062

 20.0351, 0.4289,
0.3088

■ 24.2179, 0.3958,
0.3125

■ 29.3453, 0.3682,
0.3167

■ 35.4701, 0.3457,
0.3210

■ 42.6414, 0.3274,
0.3251

Harmonies

Analogous

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



10.9126, 0.5242, 0.2403



10.9126, 0.6178, 0.3177



10.9126, 0.5891, 0.4101

Triad

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



10.9126, 0.6178, 0.3177



10.9126, 0.2156, 0.6160



10.9126, 0.1191, 0.1202

Complementary

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



10.9126, 0.6178, 0.3177



38.9003, 0.2389, 0.3799

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.



10.9126, 0.0839, 0.1425



10.9126, 0.6178, 0.3177



10.9126, 0.1198, 0.3992

Square

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



10.9126, 0.6178, 0.3177



10.9126, 0.3457, 0.6395



10.9126, 0.0815, 0.2200



10.9126, 0.2002, 0.1310

Rectangle

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



10.9126, 0.6178, 0.3177



10.9126, 0.5181, 0.4819



10.9126, 0.0815, 0.2200



10.9126, 0.1032, 0.1235

Sweetspot

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



10.9133, 0.6178, 0.3177



52.0575, 0.3695, 0.3165



10.8940, 0.2790, 0.1311



10.3245, 0.3805, 0.3147



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.



10.9133, 0.6178, 0.3177



19.5217, 0.6207, 0.3193



14.3766, 0.5880, 0.3713



9.5604, 0.3264, 0.3254



7.3497, 0.6153, 0.3163



0.2958, 0.5567, 0.2840

Inverse Universe

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



10.9133, 0.6178, 0.3177



19.5217, 0.6207, 0.3193



18.5992, 0.1933, 0.2160



9.5604, 0.3264, 0.3254



7.3497, 0.6153, 0.3163



0.2958, 0.5567, 0.2840

Previews

White Background



This preview shows how the Yxy color 10.9126, 0.6178, 0.3177 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 10.9126, 0.6178, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 10.9126, 0.6178, 0.3177.



This preview shows how white text looks on a background with the Yxy color 10.9126, 0.6178, 0.3177.

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

10.9126, 0.6178, 0.3177

Protanopia

11.6433, 0.3980, 0.4347

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.0923, 0.6332, 0.3354

Trichromacy



Original Color

10.9126, 0.6178, 0.3177

Protanomaly

8.7318, 0.5073, 0.3624

Deuteranomaly

9.1613, 0.5603, 0.3823

Tritanomaly

10.9549, 0.6300, 0.3299

Monochromacy



Original Color

10.9126, 0.6178, 0.3177

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.7338, 0.4723, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9126, 0.6178, 0.3177 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, 0, 30)` looks like.

```
.text, #text, p{  
  color:rgb(189, 0, 30)  
}
```

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, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 30) }
```

Border

The CSS property to change the border of an element to Yxy 10.9126, 0.6178, 0.3177 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, 0, 30) }
```

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

```
.border{ border-color:rgb(189, 0, 30) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 30)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9126, 0.6178, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 30) }
```

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

```
.background{ background-color: rgb(189, 0,  
30) }
```

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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