

Converting Colors

$Yxy(9.6382, 0.6372, 0.3024)$

Have a look what the booklet for
Yxy(9.6382, 0.6372, 0.3024)
contains.

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Color

Yxy(10.7801, 0.6187, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	BC001D
RGB	188, 0, 29
RGB Percent	74%, 0%, 11%
CMY	0.2628, 0.9998, 0.8863
CMYK	0.00, 1.00, 0.85, 0.26
HSL	351°, 100%, 37%
HSV	351°, 100%, 74%
XYZ	20.9606, 10.7801, 2.1377
YIQ	59.5180, 102.7390, 48.8750

Conversions

Conversions Part 2

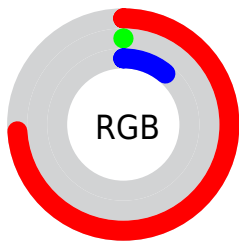
Format	Color
RYB	188, 0, 29
Decimal	12320797
CIELab	39.21, 64.12, 41.23
CIELCh	39, 76.231, 32.743
Yxy	10.7801, 0.6187, 0.3182
Android (android.graphics.Color)	4290510877 (0xFFBC001D)
YUV	59.5180, -15.0454, 112.6787
Hunter-Lab	32.8331, 56.4961, 19.1228

Details

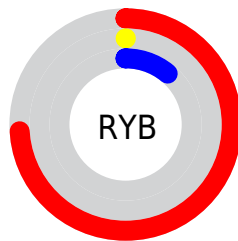
The Yxy color **10.7801, 0.6187, 0.3182** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.4711, 0.2384, 0.3783**, and the grayscale version is **4.4624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2244, 0.5480, 0.3360**, and **4.3600, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.7796, 0.6187, 0.3182**, and if you desaturate by 10%, it is **11.3403, 0.5905, 0.3123**.

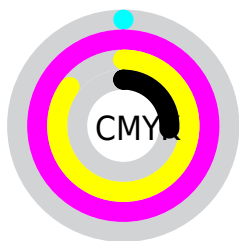
Distribution



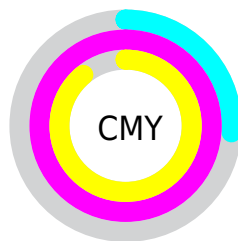
- Red (74%)
- Green (0%)
- Blue (11%)



- Red (74%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (26%)





- Cyan (26%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7801, 0.6187, 0.3182 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 10.7801, 0.6187, 0.3182 by changing the saturation by 10% instead.


 10.7801, 0.6187,
0.3182


 10.7801, 0.6187,
0.3182


196.1526, 0.4379,
0.3439


 5.9192, 0.6682,
0.2995

 27.2528, 0.5483,
0.3357

 2.7960, 0.7323,
0.2677

 39.6334, 0.5229,
0.3395


 1.0262, 0.7926,
0.2074

 55.2893, 0.5021,
0.3417

 0.0000, 1.0000,
0.0000

 74.6049, 0.4847,
0.3430


 0.0000, 0.0000,
0.0000


 97.9647, 0.4702,
0.3436

 125.7529, 0.4578,


0.3439

 158.3541, 0.4472,
0.3440


 10.7801, 0.6187,
0.3182

 10.7801, 0.6187,
0.3182


 10.7796, 0.6187,
0.3182

 11.3403, 0.5905,
0.3123

 12.3895, 0.5530,
0.3078

 14.0944, 0.5104,
0.3061

 16.5398, 0.4681,
0.3069

 19.7980, 0.4295,
0.3094

■ 23.9324, 0.3962,
0.3130

■ 29.0001, 0.3685,
0.3171

■ 35.0536, 0.3458,
0.3212

■ 42.1412, 0.3275,
0.3252

Harmonies

Analogous

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



10.7801, 0.5262, 0.2407



10.7801, 0.6187, 0.3182



10.7801, 0.5890, 0.4110

Triad

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



10.7801, 0.6187, 0.3182



10.7801, 0.2141, 0.6157



10.7801, 0.1192, 0.1198

Complementary

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



10.7801, 0.6187, 0.3182



38.4711, 0.2384, 0.3783

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.



10.7801, 0.0837, 0.1418



10.7801, 0.6187, 0.3182



10.7801, 0.1187, 0.3972

Square

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



10.7801, 0.6187, 0.3182



10.7801, 0.3444, 0.6412



10.7801, 0.0810, 0.2185



10.7801, 0.2009, 0.1309

Rectangle

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



10.7801, 0.6187, 0.3182



10.7801, 0.5170, 0.4830



10.7801, 0.0810, 0.2185



10.7801, 0.1033, 0.1230

Sweetspot

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



10.7808, 0.6187, 0.3182



52.0437, 0.3698, 0.3169



10.7670, 0.2790, 0.1311



10.3213, 0.3809, 0.3151



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.



10.7808, 0.6187, 0.3182



19.5145, 0.6216, 0.3198



14.2127, 0.5879, 0.3714



9.5597, 0.3265, 0.3255



7.3467, 0.6163, 0.3169



0.2955, 0.5587, 0.2851

Inverse Universe

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



10.7808, 0.6187, 0.3182



19.5145, 0.6216, 0.3198



18.3863, 0.1934, 0.2161



9.5597, 0.3265, 0.3255



7.3467, 0.6163, 0.3169



0.2955, 0.5587, 0.2851

Previews

White Background



This preview shows how the Yxy color 10.7801, 0.6187, 0.3182 looks on a white background.

Color Contrast Check

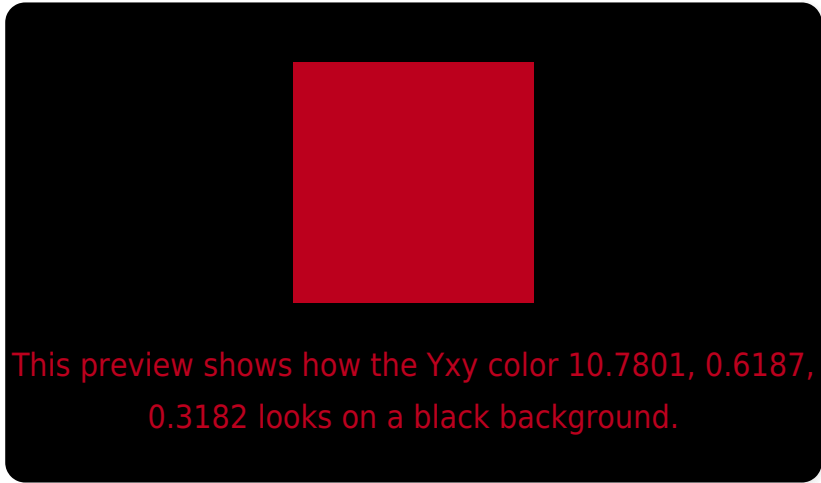
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7801, 0.6187, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 10.7801, 0.6187, 0.3182.



This preview shows how white text looks on a background with the Yxy color 10.7801, 0.6187, 0.3182.

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

10.7801, 0.6187, 0.3182

Protanopia

11.3929, 0.3987, 0.4355

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

10.9657, 0.6331, 0.3355

Trichromacy



Original Color

10.7801, 0.6187, 0.3182

Protanomaly

8.5358, 0.5092, 0.3625

Deuteranomaly

8.9702, 0.5612, 0.3813

Tritanomaly

10.8283, 0.6299, 0.3299

Monochromacy



Original Color

10.7801, 0.6187, 0.3182

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 10.7801, 0.6187, 0.3182 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(188, 0, 29)` looks like.

```
.text, #text, p{  
  color:rgb(188, 0, 29)  
}
```

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(188, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 0, 29) }
```

Border

The CSS property to change the border of an element to Yxy 10.7801, 0.6187, 0.3182 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(188, 0, 29) }
```

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

```
.border{ border-color:rgb(188, 0, 29) }
```

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

Here you see how a box with a 4 pixel rgb(188, 0, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 0, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 0, 29);  
box-shadow:4px 4px 4px 4px rgb(188, 0, 29)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7801, 0.6187, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 0, 29) }
```

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

```
.background{ background-color: rgb(188, 0,  
29) }
```

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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