

Converting Colors

$Yxy(11.0195, 0.5841, 0.3063)$

Have a look what the booklet for
Yxy(11.0195, 0.5841, 0.3063)
contains.

Yxy(11.0025, 0.5842, 0.3065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.0025, 0.5842, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	BA0F31
RGB	186, 15, 49
RGB Percent	73%, 6%, 19%
CMY	0.2707, 0.9407, 0.8079
CMYK	0.00, 0.92, 0.74, 0.27
HSL	348°, 85%, 39%
HSV	348°, 92%, 73%
XYZ	20.9712, 11.0025, 3.9236
YIQ	70.0050, 91.0020, 46.8260

Conversions

Conversions Part 2

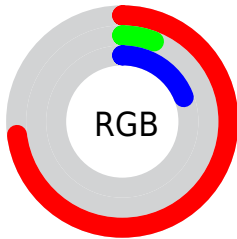
Format	Color
RYB	186, 15, 49
Decimal	12193585
CIELab	39.58, 62.54, 29.78
CIElCh	40, 69.270, 25.458
Yxy	11.0025, 0.5842, 0.3065
Android (android.graphics.Color)	4290383665 (0xFFBA0F31)
YUV	70.0050, -10.3555, 101.7276
Hunter-Lab	33.1700, 54.8060, 16.2058

Details

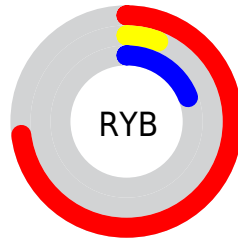
The Yxy color **11.0025, 0.5842, 0.3065** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **37.4819, 0.2424, 0.3878**, and the grayscale version is **6.1426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6215, 0.5176, 0.3216**, and **4.2939, 0.6346, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **10.5693, 0.6080, 0.3123**, and if you desaturate by 10%, it is **11.9335, 0.5480, 0.3009**.

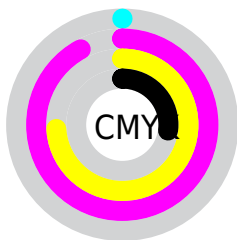
Distribution



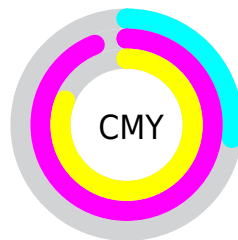
- Red (73%)
- Green (6%)
- Blue (19%)



- Red (73%)
- Yellow (6%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (74%)
- Black (27%)




- Cyan (27%)
- Magenta (94%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0025, 0.5842, 0.3065 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 11.0025, 0.5842, 0.3065 by changing the saturation by 10% instead.


 11.0025, 0.5842,
0.3065


 11.0025, 0.5842,
0.3065


197.6847, 0.4200,
0.3323


 6.0685, 0.6333,
0.2908

 27.6648, 0.5176,
0.3216


 2.8868, 0.7074,
0.2668

 40.1619, 0.4946,
0.3253

 1.0729, 0.7853,
0.2147

 55.9488, 0.4760,
0.3277

 0.0000, 1.0000,
0.0000

 75.4100, 0.4607,
0.3294

 0.0000, 0.0000,
0.0000

 98.9297, 0.4480,
0.3305

 126.8925, 0.4372,

0.3313

159.6827, 0.4280,
0.3319

■ 11.0025, 0.5842,
0.3065

■ 11.0025, 0.5842,
0.3065

■ 10.5693, 0.6080,
0.3123

■ 11.9335, 0.5480,
0.3009

■ 13.4824, 0.5072,
0.2987

■ 15.7350, 0.4666,
0.2997

■ 18.7627, 0.4294,
0.3029

■ 22.6281, 0.3971,
0.3074

■ 27.3875, 0.3700,
0.3126

■ 33.0922, 0.3478,
0.3180

■ 39.7896, 0.3298,
0.3232

■ 47.5239, 0.3151,
0.3281

Harmonies

Analogous

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



11.0025, 0.4705, 0.2316



11.0025, 0.5842, 0.3065



11.0025, 0.5832, 0.3891

Triad

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



11.0025, 0.5842, 0.3065



11.0025, 0.2556, 0.6082



11.0025, 0.1193, 0.1345

Complementary

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



11.0025, 0.5842, 0.3065



37.4819, 0.2424, 0.3878

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.



11.0025, 0.0929, 0.1673



11.0025, 0.5842, 0.3065



11.0025, 0.1520, 0.4434

Square

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



11.0025, 0.5842, 0.3065



11.0025, 0.3812, 0.5972



11.0025, 0.1000, 0.2607



11.0025, 0.1859, 0.1376

Rectangle

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



11.0025, 0.5842, 0.3065



11.0025, 0.5379, 0.4586



11.0025, 0.1000, 0.2607



11.0025, 0.1067, 0.1408

Sweetspot

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



11.0032, 0.5842, 0.3065



52.9814, 0.3620, 0.3145



10.5460, 0.2750, 0.1321



10.7415, 0.3724, 0.3121



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.



11.0032, 0.5842, 0.3065



19.1352, 0.6114, 0.3142



14.4119, 0.5751, 0.3717



9.0406, 0.3257, 0.3245



7.1212, 0.6051, 0.3107



0.2598, 0.5357, 0.2725

Inverse Universe

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



11.0032, 0.5842, 0.3065



19.1352, 0.6114, 0.3142



20.8970, 0.2007, 0.2371



9.0406, 0.3257, 0.3245



7.1212, 0.6051, 0.3107



0.2598, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 11.0025, 0.5842, 0.3065 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 11.0025, 0.5842, 0.3065 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 11.0025, 0.5842, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 11.0025, 0.5842, 0.3065.



This preview shows how white text looks on a background with the Yxy color 11.0025, 0.5842, 0.3065.

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

11.0025, 0.5842, 0.3065

Protanopia

11.4902, 0.3566, 0.3802

Deuteranopia

11.3104, 0.4370, 0.4300



Tritanopia

11.0181, 0.6165, 0.3320

Trichromacy



Original Color

11.0025, 0.5842, 0.3065

Protanomaly

9.2531, 0.4517, 0.3331

Deuteranomaly

9.5691, 0.5104, 0.3607

Tritanomaly

10.9495, 0.6072, 0.3239

Monochromacy



Original Color

11.0025, 0.5842, 0.3065

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.0737, 0.4338, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0025, 0.5842, 0.3065 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(186, 15, 49)` looks like.

```
.text, #text, p{  
    color:rgb(186, 15, 49)  
}
```

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(186, 15, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 15, 49) }
```

Border

The CSS property to change the border of an element to Yxy 11.0025, 0.5842, 0.3065 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(186, 15, 49) }
```

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

```
.border{ border-color:rgb(186, 15, 49) }
```

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

Here you see how a box with a 4 pixel rgb(186, 15, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 15, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 15, 49);  
box-shadow:4px 4px 4px 4px rgb(186, 15,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0025, 0.5842, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 15, 49) }
```

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

```
.background{ background-color: rgb(186, 15,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor