

Converting Colors

$Yxy(7.5373, 0.6408, 0.2625)$

Have a look what the booklet for
Yxy(7.5373, 0.6408, 0.2625)
contains.

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Color

Yxy(10.1195, 0.5970, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	B6002B
RGB	182, 0, 43
RGB Percent	71%, 0%, 17%
CMY	0.2862, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.76, 0.29
HSL	346°, 100%, 36%
HSV	346°, 100%, 71%
XYZ	19.7301, 10.1195, 3.1991
YIQ	59.3200, 94.6690, 51.9570

Conversions

Conversions Part 2

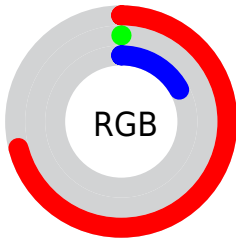
Format	Color
RYB	182, 0, 43
Decimal	11927595
CIELab	38.06, 63.05, 31.49
CIElCh	38, 70.475, 26.536
Yxy	10.1195, 0.5970, 0.3062
Android (android.graphics.Color)	4290117675 (0xFFB6002B)
YUV	59.3200, -8.0458, 107.5904
Hunter-Lab	31.8112, 55.0405, 16.3053

Details

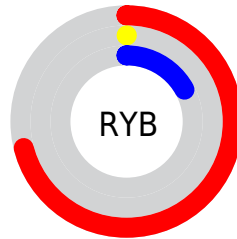
The Yxy color **10.1195, 0.5970, 0.3062** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **35.3261, 0.2463, 0.4068**, and the grayscale version is **4.4217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0019, 0.5270, 0.3235**, and **3.9931, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.1212, 0.5970, 0.3062**, and if you desaturate by 10%, it is **10.6804, 0.5659, 0.2985**.

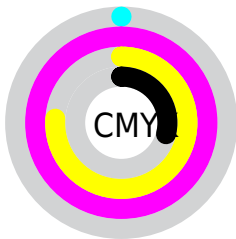
Distribution



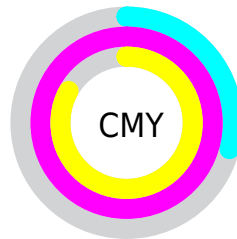
- Red (71%)
- Green (0%)
- Blue (17%)



- Red (71%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1195, 0.5970, 0.3062 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 10.1195, 0.5970, 0.3062 by changing the saturation by 10% instead.


 10.1195, 0.5970,
0.3062


 10.1195, 0.5970,
0.3062


191.5228, 0.4241,
0.3338

 5.4783, 0.6483,
0.2886

 26.0200, 0.5269,
0.3228


 2.5305, 0.7352,
0.2648

 38.0481, 0.5026,
0.3268


 0.8919, 0.7981,
0.2019

 53.3073, 0.4830,
0.3294

 0.0000, 1.0000,
0.0000

 72.1819, 0.4669,
0.3311

 0.0000, 0.0000,
0.0000

 95.0563, 0.4535,
0.3322

 122.3151, 0.4422,

0.3330

154.3424, 0.4325,
0.3335

10.1195, 0.5970,
0.3062

10.1195, 0.5970,
0.3062

10.1212, 0.5970,
0.3062

10.6804, 0.5659,
0.2985

11.6855, 0.5290,
0.2934

13.2929, 0.4896,
0.2922

15.5797, 0.4515,
0.2943

18.6114, 0.4172,
0.2987

■ 22.4456, 0.3876,
0.3044

■ 27.1343, 0.3629,
0.3107

■ 32.7251, 0.3427,
0.3171

■ 39.2621, 0.3261,
0.3232

Harmonies

Analogous

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



10.1195, 0.4830, 0.2303



10.1195, 0.5970, 0.3062



10.1195, 0.5905, 0.3911

Triad

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



10.1195, 0.5970, 0.3062



10.1195, 0.2463, 0.6199



10.1195, 0.1156, 0.1285

Complementary

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



10.1195, 0.5970, 0.3062



35.3261, 0.2463, 0.4068

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.



10.1195, 0.0877, 0.1594



10.1195, 0.5970, 0.3062



10.1195, 0.1425, 0.4406

Square

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



10.1195, 0.5970, 0.3062



10.1195, 0.3766, 0.6125



10.1195, 0.0928, 0.2515



10.1195, 0.1848, 0.1330

Rectangle

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



10.1195, 0.5970, 0.3062



10.1195, 0.5383, 0.4617



10.1195, 0.0928, 0.2515



10.1195, 0.1024, 0.1342

Sweetspot

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



10.1212, 0.5970, 0.3062



48.7158, 0.3641, 0.3104



8.6551, 0.2584, 0.1197



9.9352, 0.3740, 0.3077



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.1212, 0.5970, 0.3062



18.3162, 0.6008, 0.3083



11.8622, 0.6075, 0.3558



9.0461, 0.3252, 0.3236



7.1551, 0.5942, 0.3047



0.2621, 0.5206, 0.2641

Inverse Universe

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



10.1212, 0.5970, 0.3062



18.3162, 0.6008, 0.3083



21.1305, 0.2017, 0.2460



9.0461, 0.3252, 0.3236



7.1551, 0.5942, 0.3047



0.2621, 0.5206, 0.2641

Previews

White Background



This preview shows how the Yxy color 10.1195, 0.5970, 0.3062 looks on a white background.

Color Contrast Check

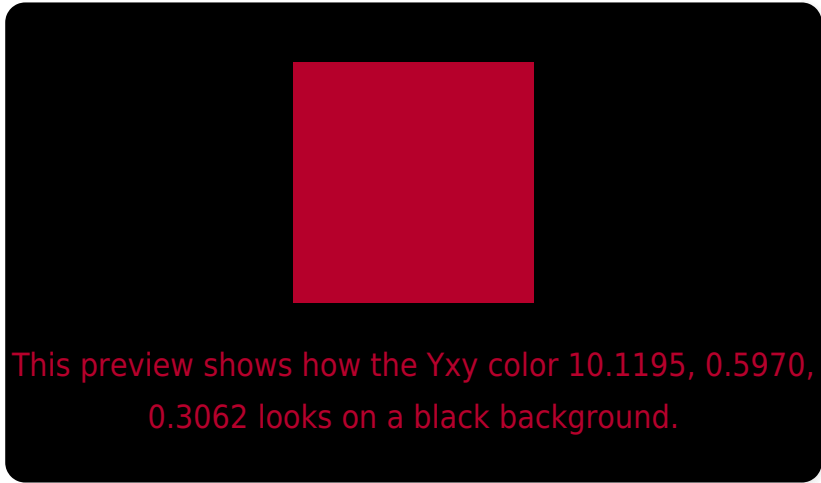
Large Text (above 18pt) WCAG AA ✓ Pass

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

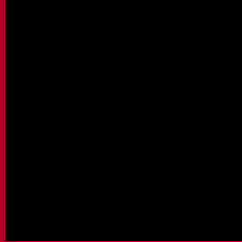
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.1195, 0.5970, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 10.1195, 0.5970, 0.3062.



This preview shows how white text looks on a background with the Yxy color 10.1195, 0.5970, 0.3062.

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

10.1195, 0.5970, 0.3062

Protanopia

10.7453, 0.3673, 0.3932

Deuteranopia

10.7286, 0.4432, 0.4394



Tritanopia

10.2783, 0.6263, 0.3331

Trichromacy



Original Color

10.1195, 0.5970, 0.3062

Protanomaly

8.1692, 0.4694, 0.3332

Deuteranomaly

8.4447, 0.5275, 0.3598

Tritanomaly

10.1210, 0.6205, 0.3251

Monochromacy



Original Color

10.1195, 0.5970, 0.3062

Achromatopsia

4.3735, 0.3127, 0.3290

Achromatomaly

4.5863, 0.4541, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1195, 0.5970, 0.3062 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(182, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 43)  
}
```

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(182, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 43) }
```

Border

The CSS property to change the border of an element to Yxy 10.1195, 0.5970, 0.3062 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(182, 0, 43) }
```

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

```
.border{ border-color:rgb(182, 0, 43) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(182, 0, 43)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.1195, 0.5970, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 43) }
```

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

```
.background{ background-color: rgb(182, 0,  
43) }
```

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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