

Converting Colors

$Y_{xy}(11.9268, 0.6377, 0.3287)$

Have a look what the booklet for
Yxy(11.9268, 0.6377, 0.3287)
contains.

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Color

Yxy(11.8813, 0.6376, 0.3286)

Conversions

Conversions Part 1

Format	Color
Hex	C50005
RGB	197, 0, 5
RGB Percent	77%, 0%, 2%
CMY	0.2274, 0.9999, 0.9803
CMYK	0.00, 1.00, 0.97, 0.23
HSL	358°, 100%, 39%
HSV	358°, 100%, 77%
XYZ	23.0539, 11.8813, 1.2221
YIQ	59.4730, 115.8070, 43.3190

Conversions

Conversions Part 2

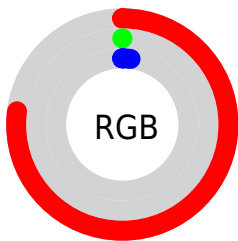
Format	Color
R_{YB}	197, 0, 5
Decimal	12910597
CIE Lab	41.03, 66.02, 53.54
CIE LCh	41, 84.999, 39.044
Yxy	11.8813, 0.6376, 0.3286
Android (android.graphics.Color)	4291100677 (0xFFC50005)
YUV	59.4730, -26.8552, 120.6112
Hunter-Lab	34.4693, 59.0641, 22.0263

Details

The Yxy color **11.8813, 0.6376, 0.3286** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **43.7399, 0.2268, 0.3365**, and the grayscale version is **4.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7223, 0.5675, 0.3494**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.8815, 0.6376, 0.3286**, and if you desaturate by 10%, it is **12.4280, 0.6183, 0.3279**.

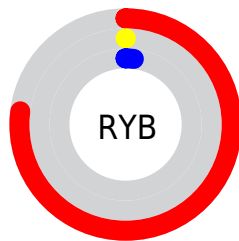
Distribution



Red (77%)

Green (0%)

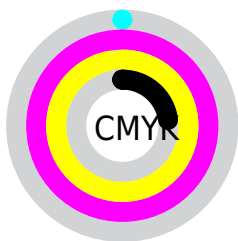
Blue (2%)



Red (77%)

Yellow (0%)

Blue (2%)

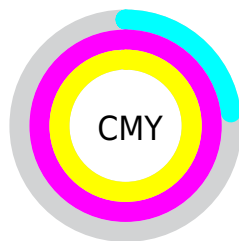


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (23%)



Cyan (23%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8813, 0.6376, 0.3286 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 11.8813, 0.6376, 0.3286 by changing the saturation by 10% instead.


 11.8813, 0.6376,
0.3286


 11.8813, 0.6376,
0.3286

 203.6179, 0.4547,
0.3554


 6.6629, 0.6889,
0.3111


 29.2787, 0.5708,
0.3485


 3.2522, 0.7286,
0.2714

 42.2266, 0.5452,
0.3527

 1.2648, 0.7852,
0.2148

 58.5196, 0.5236,
0.3549

 0.1137, 0.9477,
0.0523

 78.5424, 0.5054,
0.3560


 0.0000, 1.0000,
0.0000


 102.6792, 0.4898,
0.3563


 0.0000, 0.0000,
0.0000


 131.3145, 0.4765,


0.3563


 164.8325, 0.4649,
0.3559


 11.8813, 0.6376,
0.3286

 11.8813, 0.6376,
0.3286

 11.8815, 0.6376,
0.3286

 12.4280, 0.6183,
0.3279

 13.5271, 0.5848,
0.3268

 15.3659, 0.5408,
0.3261

 18.0437, 0.4936,
0.3259

 21.6444, 0.4490,
0.3262

■ 26.2419, 0.4099,
0.3266

■ 31.9024, 0.3774,
0.3272

■ 38.6867, 0.3509,
0.3278

■ 46.6509, 0.3297,
0.3284

Harmonies

Analogous

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



11.8813, 0.5741, 0.2502



11.8813, 0.6376, 0.3286



11.8813, 0.5742, 0.4258

Triad

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



11.8813, 0.6376, 0.3286



11.8813, 0.1784, 0.6046



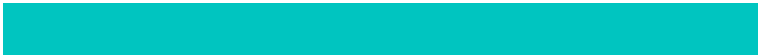
11.8813, 0.1231, 0.1105

Complementary

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



11.8813, 0.6376, 0.3286



43.7399, 0.2268, 0.3365

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.



11.8813, 0.0793, 0.1240



11.8813, 0.6376, 0.3286



11.8813, 0.0947, 0.3488

Square

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



11.8813, 0.6376, 0.3286



11.8813, 0.3068, 0.6745



11.8813, 0.0691, 0.1857



11.8813, 0.2201, 0.1282

Rectangle

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



11.8813, 0.6376, 0.3286



11.8813, 0.4916, 0.5084



11.8813, 0.0691, 0.1857



11.8813, 0.1039, 0.1112

Sweetspot

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



11.8821, 0.6376, 0.3286



56.6133, 0.3788, 0.3272



15.0352, 0.3126, 0.1496



11.1458, 0.3920, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



11.8821, 0.6376, 0.3286



21.2741, 0.6383, 0.3290



19.5157, 0.5511, 0.4006



10.6412, 0.3286, 0.3285



7.8167, 0.6370, 0.3283



0.3717, 0.6260, 0.3222

Inverse Universe

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



11.8821, 0.6376, 0.3286



21.2741, 0.6383, 0.3290



14.1507, 0.1801, 0.1684



10.6412, 0.3286, 0.3285



7.8167, 0.6370, 0.3283



0.3717, 0.6260, 0.3222

Previews

White Background



This preview shows how the Yxy color 11.8813, 0.6376, 0.3286 looks on a white background.

Color Contrast Check

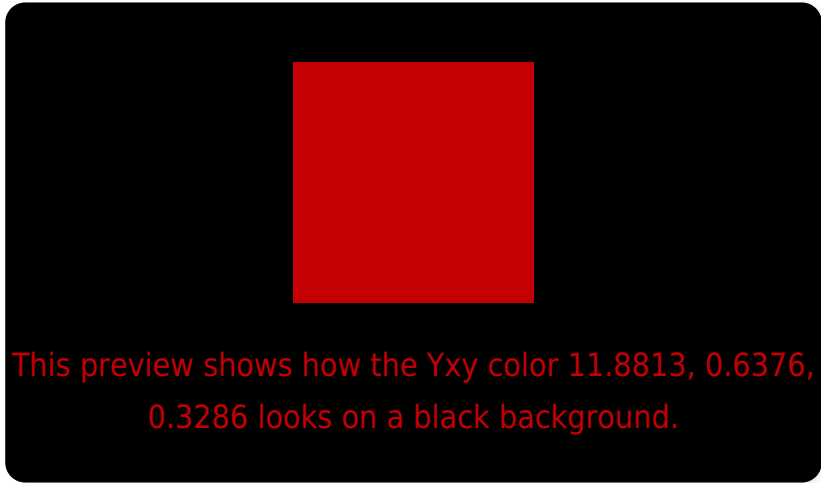
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8813, 0.6376, 0.3286

Background



This preview shows how black text looks on a background with the Yxy color 11.8813, 0.6376, 0.3286.



This preview shows how white text looks on a background with the Yxy color 11.8813, 0.6376, 0.3286.

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

11.8813, 0.6376, 0.3286

Protanopia

12.6337, 0.4252, 0.4701

Deuteranopia

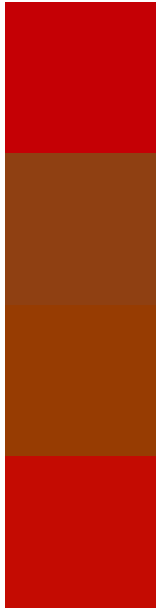
12.3654, 0.4692, 0.4656



Tritanopia

12.0347, 0.6332, 0.3354

Trichromacy



Original Color

11.8813, 0.6376, 0.3286

Protanomaly

9.5501, 0.5408, 0.3892

Deuteranomaly

9.8154, 0.5665, 0.3865

Tritanomaly

11.9795, 0.6353, 0.3324

Monochromacy



Original Color

11.8813, 0.6376, 0.3286

Achromatopsia

4.3735, 0.3127, 0.3290

Achromatomaly

4.7839, 0.5044, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8813, 0.6376, 0.3286 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(197, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 5)  
}
```

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(197, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 5) }
```

Border

The CSS property to change the border of an element to Yxy 11.8813, 0.6376, 0.3286 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(197, 0, 5) }
```

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

```
.border{ border-color:rgb(197, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(197, 0, 5); box-shadow:4px  
4px 4px 4px rgb(197, 0, 5) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8813, 0.6376, 0.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 5) }
```

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

```
.background{ background-color: rgb(197, 0,  
5) }
```

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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