

Converting Colors

$Yxy(10.6006, 0.6059, 0.3111)$

Have a look what the booklet for
Yxy(10.6006, 0.6059, 0.3111)
contains.

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Color

Yxy(10.5790, 0.6064, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	BA0026
RGB	186, 0, 38
RGB Percent	73%, 0%, 15%
CMY	0.2706, 1.0000, 0.8509
CMYK	0.00, 1.00, 0.80, 0.27
HSL	348°, 100%, 36%
HSV	348°, 100%, 73%
XYZ	20.6009, 10.5790, 2.7925
YIQ	59.9460, 98.6580, 51.2500

Conversions

Conversions Part 2

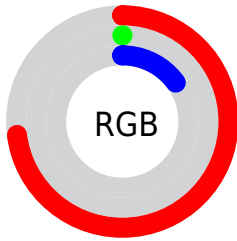
Format	Color
RYB	186, 0, 38
Decimal	12189734
CIELab	38.86, 63.87, 35.61
CIElCh	39, 73.125, 29.141
Yxy	10.5790, 0.6064, 0.3114
Android (android.graphics.Color)	4290379814 (0xFFBA0026)
YUV	59.9460, -10.8194, 110.5494
Hunter-Lab	32.5254, 56.1385, 17.6773

Details

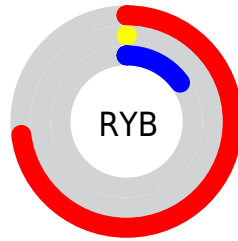
The Yxy color **10.5790, 0.6064, 0.3114** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **37.2570, 0.2433, 0.3957**, and the grayscale version is **4.5164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8334, 0.5370, 0.3280**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.5798, 0.6064, 0.3114**, and if you desaturate by 10%, it is **11.1475, 0.5762, 0.3042**.

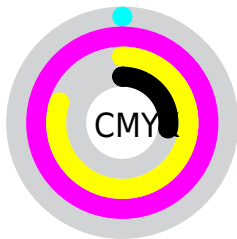
Distribution



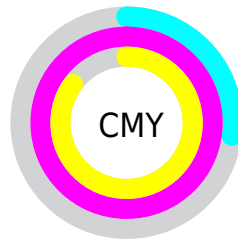
- Red (73%)
- Green (0%)
- Blue (15%)



- Red (73%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5790, 0.6064, 0.3114 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 10.5790, 0.6064, 0.3114 by changing the saturation by 10% instead.


 10.5790, 0.6064,
0.3114


 10.5790, 0.6064,
0.3114


194.7560, 0.4302,
0.3379


 5.7845, 0.6564,
0.2934

 26.8790, 0.5362,
0.3282


 2.7145, 0.7334,
0.2666

 39.1533, 0.5114,
0.3320


 0.9846, 0.7944,
0.2056


 54.6896, 0.4913,
0.3344

 0.0000, 1.0000,
0.0000


 73.8724, 0.4747,
0.3359

 0.0000, 0.0000,
0.0000

 97.0861, 0.4608,
0.3369


 124.7149, 0.4490,

0.3374


 157.1435, 0.4389,
0.3378


 10.5790, 0.6064,
0.3114


 10.5790, 0.6064,
0.3114


 10.5798, 0.6064,
0.3114

 11.1475, 0.5762,
0.3042

 12.1881, 0.5388,
0.2991

 13.8645, 0.4980,
0.2976

 16.2582, 0.4581,
0.2992

 19.4390, 0.4221,
0.3028

■ 23.4680, 0.3910,
0.3077

■ 28.4004, 0.3651,
0.3132

■ 34.2867, 0.3439,
0.3187

■ 41.1736, 0.3267,
0.3240

Harmonies

Analogous

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



10.5790, 0.5007, 0.2347



10.5790, 0.6064, 0.3114



10.5790, 0.5898, 0.3990

Triad

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



10.5790, 0.6064, 0.3114



10.5790, 0.2331, 0.6188



10.5790, 0.1171, 0.1249

Complementary

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



10.5790, 0.6064, 0.3114



37.2570, 0.2433, 0.3957

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.



10.5790, 0.0860, 0.1520



10.5790, 0.6064, 0.3114



10.5790, 0.1325, 0.4229

Square

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



10.5790, 0.6064, 0.3114



10.5790, 0.3633, 0.6237



10.5790, 0.0878, 0.2376



10.5790, 0.1913, 0.1322

Rectangle

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



10.5790, 0.6064, 0.3114



10.5790, 0.5297, 0.4703



10.5790, 0.0878, 0.2376



10.5790, 0.1028, 0.1295

Sweetspot

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



10.5798, 0.6064, 0.3114



50.9908, 0.3663, 0.3129



9.6292, 0.2666, 0.1242



10.3573, 0.3768, 0.3106



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.



10.5798, 0.6064, 0.3114



19.1478, 0.6098, 0.3133



12.9587, 0.6002, 0.3616



9.0415, 0.3256, 0.3243



7.1263, 0.6034, 0.3098



0.2602, 0.5331, 0.2711

Inverse Universe

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



10.5798, 0.6064, 0.3114



19.1478, 0.6098, 0.3133



20.4036, 0.1984, 0.2340



9.0415, 0.3256, 0.3243



7.1263, 0.6034, 0.3098



0.2602, 0.5331, 0.2711

Previews

White Background



This preview shows how the Yxy color 10.5790, 0.6064, 0.3114 looks on a white background.

Color Contrast Check

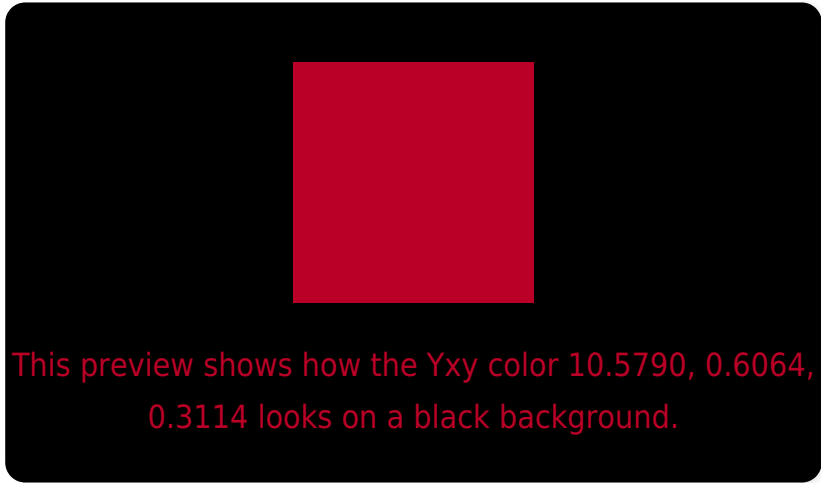
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5790, 0.6064, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 10.5790, 0.6064, 0.3114.



This preview shows how white text looks on a background with the Yxy color 10.5790, 0.6064, 0.3114.

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

10.5790, 0.6064, 0.3114

Protanopia

11.2047, 0.3798, 0.4098

Deuteranopia

11.0665, 0.4533, 0.4471



Tritanopia

10.8097, 0.6336, 0.3351

Trichromacy



Original Color

10.5790, 0.6064, 0.3114

Protanomaly

8.4573, 0.4855, 0.3455

Deuteranomaly

8.8596, 0.5396, 0.3671

Tritanomaly

10.6879, 0.6283, 0.3286

Monochromacy



Original Color

10.5790, 0.6064, 0.3114

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.6983, 0.4614, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5790, 0.6064, 0.3114 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, 0, 38)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 38)  
}
```

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, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 38) }
```

Border

The CSS property to change the border of an element to Yxy 10.5790, 0.6064, 0.3114 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, 0, 38) }
```

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

```
.border{ border-color:rgb(186, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 38)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5790, 0.6064, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 38) }
```

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

```
.background{ background-color: rgb(186, 0,  
38) }
```

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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