

Converting Colors

$Yxy(10.3488, 0.6170, 0.3222)$

Have a look what the booklet for
Yxy(10.3488, 0.6170, 0.3222)
contains.

Yxy(10.3589, 0.6173, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	29

Color

Yxy(10.3589, 0.6173, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	B70A1A
RGB	183, 10, 26
RGB Percent	72%, 4%, 10%
CMY	0.2824, 0.9605, 0.8982
CMYK	0.00, 0.94, 0.86, 0.28
HSL	354°, 90%, 38%
HSV	354°, 94%, 72%
XYZ	19.8219, 10.3589, 1.9299
YIQ	63.5510, 97.9720, 41.6520

Conversions

Conversions Part 2

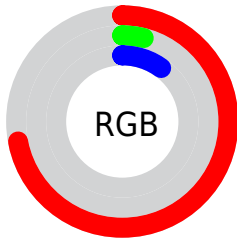
Format	Color
R _Y B	183, 10, 26
Decimal	11995674
CIE Lab	38.48, 61.69, 41.78
CIE LCh	38, 74.506, 34.112
Yxy	10.3589, 0.6173, 0.3226
Android (android.graphics.Color)	4290185754 (0xFFB70A1A)
YUV	63.5510, -18.5126, 104.7568
Hunter-Lab	32.1852, 53.6085, 18.9746

Details

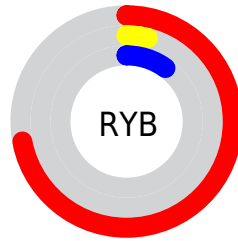
The Yxy color **10.3589, 0.6173, 0.3226** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **36.7230, 0.2330, 0.3559**, and the grayscale version is **5.0796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4156, 0.5473, 0.3394**, and **3.9931, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.1063, 0.6296, 0.3242**, and if you desaturate by 10%, it is **11.0862, 0.5860, 0.3188**.

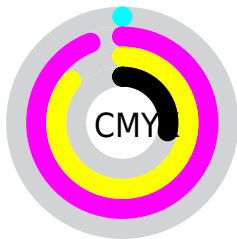
Distribution



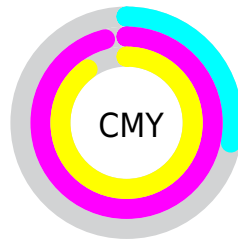
- Red (72%)
- Green (4%)
- Blue (10%)



- Red (72%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (86%)
- Black (28%)





- Cyan (28%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3589, 0.6173, 0.3226 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 10.3589, 0.6173, 0.3226 by changing the saturation by 10% instead.


 10.3589, 0.6173,
0.3226

 10.3589, 0.6173,
0.3226


193.2148, 0.4367,
0.3461


 5.6376, 0.6680,
0.3044

 26.4684, 0.5469,
0.3396


 2.6260, 0.7292,
0.2708

 38.6254, 0.5215,
0.3431


 0.9397, 0.7909,
0.2091

 54.0296, 0.5006,
0.3450

 0.0000, 1.0000,
0.0000

 73.0656, 0.4833,
0.3460


 0.0000, 0.0000,
0.0000


 96.1178, 0.4688,
0.3464


 123.5704, 0.4565,

0.3465

 155.8079, 0.4459,
0.3464

 10.3589, 0.6173,
0.3226


 10.3589, 0.6173,
0.3226

 10.1063, 0.6296,
0.3242

 11.0862, 0.5860,
0.3188

 12.3914, 0.5447,
0.3165

 14.3634, 0.4997,
0.3160

 17.0753, 0.4563,
0.3168

 20.5908, 0.4178,
0.3186

■ 24.9666, 0.3852,
0.3209

■ 30.2544, 0.3585,
0.3233

■ 36.5018, 0.3368,
0.3257

■ 43.7529, 0.3194,
0.3280

Harmonies

Analogous

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



10.3589, 0.5313, 0.2450



10.3589, 0.6173, 0.3226



10.3589, 0.5838, 0.4162

Triad

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



10.3589, 0.6173, 0.3226



10.3589, 0.2101, 0.6057



10.3589, 0.1229, 0.1209

Complementary

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



10.3589, 0.6173, 0.3226



36.7230, 0.2330, 0.3559

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.



10.3589, 0.0857, 0.1411



10.3589, 0.6173, 0.3226



10.3589, 0.1172, 0.3863

Square

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



10.3589, 0.6173, 0.3226



10.3589, 0.3386, 0.6413



10.3589, 0.0817, 0.2144



10.3589, 0.2070, 0.1332

Rectangle

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



10.3589, 0.6173, 0.3226



10.3589, 0.5113, 0.4887



10.3589, 0.0817, 0.2144



10.3589, 0.1063, 0.1235

Sweetspot

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



10.3596, 0.6173, 0.3226



50.2294, 0.3684, 0.3223



11.7121, 0.2973, 0.1432



10.2110, 0.3802, 0.3213



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.



10.3596, 0.6173, 0.3226



18.0875, 0.6317, 0.3253



15.7156, 0.5564, 0.3904



9.0253, 0.3274, 0.3269



7.0556, 0.6279, 0.3233



0.2532, 0.5855, 0.2999

Inverse Universe

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



10.3596, 0.6173, 0.3226



18.0875, 0.6317, 0.3253



15.4791, 0.1901, 0.2006



9.0253, 0.3274, 0.3269



7.0556, 0.6279, 0.3233



0.2532, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 10.3589, 0.6173, 0.3226 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 10.3589, 0.6173, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 10.3589, 0.6173, 0.3226.



This preview shows how white text looks on a background with the Yxy color 10.3589, 0.6173, 0.3226.

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

10.3589, 0.6173, 0.3226

Protanopia

10.8867, 0.4027, 0.4409

Deuteranopia

10.7614, 0.4688, 0.4660

Trichromacy



Original Color

10.3589, 0.6173, 0.3226

Protanomaly

8.5941, 0.5051, 0.3734

Deuteranomaly

8.9142, 0.5530, 0.3897

Monochromacy



Original Color

10.3589, 0.6173, 0.3226

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.1575, 0.4622, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3589, 0.6173, 0.3226 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(183, 10, 26)` looks like.

```
.text, #text, p{  
    color:rgb(183, 10, 26)  
}
```

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(183, 10, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 10, 26) }
```

Border

The CSS property to change the border of an element to Yxy 10.3589, 0.6173, 0.3226 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(183, 10, 26) }
```

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

```
.border{ border-color:rgb(183, 10, 26) }
```

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

Here you see how a box with a 4 pixel rgb(183, 10, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 10, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 10, 26);  
box-shadow:4px 4px 4px 4px rgb(183, 10,  
26) }
```

Background

The CSS property to change the background color of an element to Yxy 10.3589, 0.6173, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 10, 26) }
```

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

```
.background{ background-color: rgb(183, 10,  
26) }
```

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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