

Converting Colors

$Y_{xy}(10.8953, 0.6365, 0.3328)$

Have a look what the booklet for
Yxy(10.8953, 0.6365, 0.3328)
contains.

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Color

Yxy(10.9084, 0.6363, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	BC0A00
RGB	188, 10, 0
RGB Percent	74%, 4%, 0%
CMY	0.2628, 0.9602, 1.0000
CMYK	0.00, 0.95, 1.00, 0.26
HSL	3°, 100%, 37%
HSV	3°, 100%, 74%
XYZ	20.8439, 10.9084, 1.0057
YIQ	62.0820, 109.2980, 34.6260

Conversions

Conversions Part 2

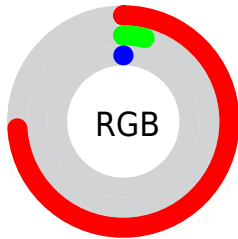
Format	Color
RYB	188, 11, 0
Decimal	12323328
CIELab	39.43, 62.62, 53.60
CIELCh	39, 82.424, 40.563
Yxy	10.9084, 0.6363, 0.3330
Android (android.graphics.Color)	4290513408 (0xFFBC0A00)
YUV	62.0820, -30.6064, 110.4301
Hunter-Lab	33.0279, 54.8526, 21.3142

Details

The Yxy color **10.9084, 0.6363, 0.3330** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **35.4034, 0.2200, 0.3121**, and the grayscale version is **4.8755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4623, 0.5688, 0.3528**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9092, 0.6363, 0.3330**, and if you desaturate by 10%, it is **11.5625, 0.6155, 0.3347**.

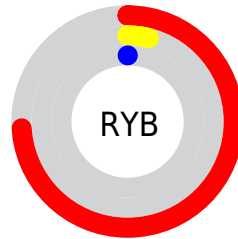
Distribution



Red (74%)

Green (4%)

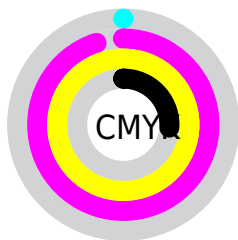
Blue (0%)



Red (74%)

Yellow (4%)

Blue (0%)

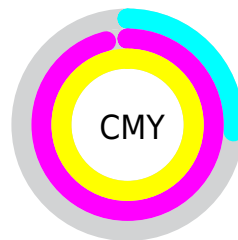


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9084, 0.6363, 0.3330 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 10.9084, 0.6363, 0.3330 by changing the saturation by 10% instead.


 10.9084, 0.6363,
0.3330


 10.9084, 0.6363,
0.3330


 197.0380, 0.4527,
0.3579


 6.0053, 0.6860,
0.3140

 27.4907, 0.5690,
0.3529


 2.8483, 0.7271,
0.2729

 39.9386, 0.5432,
0.3568


 1.0530, 0.7867,
0.2133


 55.6702, 0.5216,
0.3587

 0.0000, 1.0000,
0.0000


 75.0700, 0.5033,
0.3595


 0.0000, 0.0000,
0.0000


 98.5222, 0.4877,
0.3596


 126.4114, 0.4743,


0.3592


 159.1219, 0.4628,
0.3586


 10.9084, 0.6363,
0.3330

 10.9084, 0.6363,
0.3330


 10.9092, 0.6363,
0.3330

 11.5625, 0.6155,
0.3347

 12.7581, 0.5816,
0.3366

 14.5888, 0.5381,
0.3374

 17.1263, 0.4918,
0.3373

 20.4328, 0.4481,
0.3363

■ 24.5635, 0.4098,
0.3350

■ 29.5687, 0.3776,
0.3334

■ 35.4944, 0.3513,
0.3319

■ 42.3838, 0.3299,
0.3304

Harmonies

Analogous

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



10.9084, 0.5805, 0.2543



10.9084, 0.6363, 0.3330



10.9084, 0.5684, 0.4316

Triad

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



10.9084, 0.6363, 0.3330



10.9084, 0.1731, 0.5929



10.9084, 0.1268, 0.1109

Complementary

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



10.9084, 0.6363, 0.3330



35.4034, 0.2200, 0.3121

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.



10.9084, 0.0809, 0.1227



10.9084, 0.6363, 0.3330



10.9084, 0.0925, 0.3372

Square

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



10.9084, 0.6363, 0.3330



10.9084, 0.3001, 0.6766



10.9084, 0.0692, 0.1811



10.9084, 0.2271, 0.1302

Rectangle

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



10.9084, 0.6363, 0.3330



10.9084, 0.4848, 0.5152



10.9084, 0.0692, 0.1811



10.9084, 0.1067, 0.1112

Sweetspot

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



10.9092, 0.6363, 0.3330



53.1173, 0.3790, 0.3335



13.9266, 0.3339, 0.1613



10.5643, 0.3920, 0.3342



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.



10.9092, 0.6363, 0.3330



19.6700, 0.6373, 0.3322



20.4670, 0.5263, 0.4204



9.6168, 0.3287, 0.3303



7.4646, 0.6354, 0.3337



0.3210, 0.6181, 0.3474

Inverse Universe

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



35.4034, 0.2200, 0.3121



64.0588, 0.2199, 0.3118



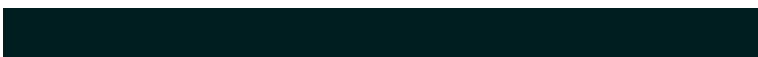
10.0628, 0.1726, 0.1413



10.7189, 0.2985, 0.3277



24.1458, 0.2201, 0.3123



0.9730, 0.2213, 0.3165

Previews

White Background



This preview shows how the Yxy color 10.9084, 0.6363, 0.3330 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 10.9084, 0.6363, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 10.9084, 0.6363, 0.3330.



This preview shows how white text looks on a background with the Yxy color 10.9084, 0.6363, 0.3330.

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

10.9084, 0.6363, 0.3330

Protanopia

11.3762, 0.4262, 0.4698

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

10.9657, 0.6331, 0.3355

Trichromacy



Original Color

10.9084, 0.6363, 0.3330

Protanomaly

8.9355, 0.5354, 0.3963

Deuteranomaly

9.3572, 0.5606, 0.3931

Tritanomaly

10.9064, 0.6341, 0.3347

Monochromacy



Original Color

10.9084, 0.6363, 0.3330

Achromatopsia

4.8172, 0.3127, 0.3290

Achromatomaly

5.0624, 0.4949, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9084, 0.6363, 0.3330 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(188, 10, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 10, 0)  
}
```

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(188, 10, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 10, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.9084, 0.6363, 0.3330 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(188, 10, 0) }
```

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

```
.border{ border-color:rgb(188, 10, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 10, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 10, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 10, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 10, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9084, 0.6363, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 10, 0) }
```

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

```
.background{ background-color: rgb(188, 10,  
0) }
```

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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