

Converting Colors

$Y_{xy}(10.9139, 0.6322, 0.3363)$

Have a look what the booklet for
Yxy(10.9139, 0.6322, 0.3363)
contains.

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Color

Yxy(10.9048, 0.6319, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	BA1300
RGB	186, 19, 0
RGB Percent	73%, 7%, 0%
CMY	0.2706, 0.9255, 0.9997
CMYK	0.00, 0.90, 1.00, 0.27
HSL	6°, 100%, 36%
HSV	6°, 100%, 73%
XYZ	20.4838, 10.9048, 1.0276
YIQ	66.7670, 105.6310, 29.4950

Conversions

Conversions Part 2

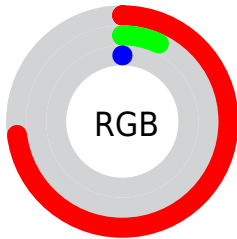
Format	Color
RYB	186, 21, 0
Decimal	12194560
CIELab	39.42, 60.90, 53.29
CIElCh	39, 80.918, 41.187
Yxy	10.9048, 0.6319, 0.3364
Android (android.graphics.Color)	4290384640 (0xFFBA1300)
YUV	66.7670, -32.9161, 104.5673
Hunter-Lab	33.0224, 52.9342, 21.2707

Details

The Yxy color **10.9048, 0.6319, 0.3364** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **31.2160, 0.2158, 0.2967**, and the grayscale version is **5.6161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5646, 0.5650, 0.3557**, and **4.1376, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9028, 0.6320, 0.3364**, and if you desaturate by 10%, it is **11.7296, 0.6087, 0.3402**.

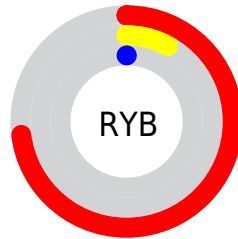
Distribution



Red (73%)

Green (7%)

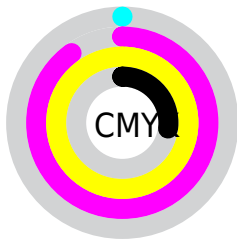
Blue (0%)



Red (73%)

Yellow (8%)

Blue (0%)

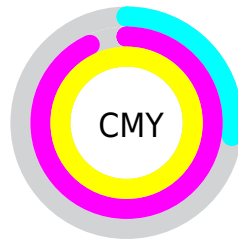


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9048, 0.6319, 0.3364 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 10.9048, 0.6319, 0.3364 by changing the saturation by 10% instead.


 10.9048, 0.6319,
0.3364


 10.9048, 0.6319,
0.3364


 197.0133, 0.4504,
0.3588


 6.0029, 0.6817,
0.3183

 27.4840, 0.5652,
0.3553


 2.8468, 0.7224,
0.2776

 39.9300, 0.5397,
0.3588


 1.0523, 0.7816,
0.2184

 55.6595, 0.5183,
0.3604

 0.0000, 1.0000,
0.0000


 75.0570, 0.5003,
0.3609


 0.0000, 0.0000,
0.0000

 98.5066, 0.4849,
0.3608


 126.3930, 0.4718,

0.3603

 159.1004, 0.4604,
0.3596

 10.9048, 0.6319,
0.3364

 10.9048, 0.6319,
0.3364

 10.9028, 0.6320,
0.3364

 11.7296, 0.6087,
0.3402

 13.0681, 0.5739,
0.3435

 14.9954, 0.5310,
0.3447

 17.5692, 0.4863,
0.3443

 20.8404, 0.4443,
0.3425

■ 24.8550, 0.4074,
0.3400

■ 29.6546, 0.3763,
0.3372

■ 35.2782, 0.3506,
0.3343

■ 41.7619, 0.3297,
0.3316

Harmonies

Analogous

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



10.9048, 0.5788, 0.2575



10.9048, 0.6319, 0.3364



10.9048, 0.5647, 0.4353

Triad

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



10.9048, 0.6319, 0.3364



10.9048, 0.1736, 0.5827



10.9048, 0.1303, 0.1132

Complementary

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



10.9048, 0.6319, 0.3364



31.2160, 0.2158, 0.2967

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.



10.9048, 0.0836, 0.1244



10.9048, 0.6319, 0.3364



10.9048, 0.0943, 0.3332

Square

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



10.9048, 0.6319, 0.3364



10.9048, 0.2989, 0.6707



10.9048, 0.0714, 0.1815



10.9048, 0.2313, 0.1330

Rectangle

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



10.9048, 0.6319, 0.3364



10.9048, 0.4820, 0.5180



10.9048, 0.0714, 0.1815



10.9048, 0.1100, 0.1133

Sweetspot

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



10.9055, 0.6319, 0.3364



53.2397, 0.3779, 0.3373



13.2467, 0.3478, 0.1690



10.8806, 0.3905, 0.3385



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.



10.9055, 0.6319, 0.3364



19.6017, 0.6335, 0.3352



21.9479, 0.5117, 0.4319



9.1553, 0.3285, 0.3314



7.3885, 0.6306, 0.3375



0.3095, 0.5989, 0.3626

Inverse Universe

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



31.2160, 0.2158, 0.2967



56.3636, 0.2156, 0.2962



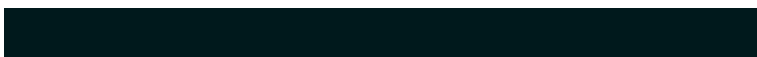
8.5040, 0.1684, 0.1263



10.0503, 0.2985, 0.3266



21.0609, 0.2159, 0.2972



0.7878, 0.2184, 0.3060

Previews

White Background



This preview shows how the Yxy color 10.9048, 0.6319, 0.3364 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 10.9048, 0.6319, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 10.9048, 0.6319, 0.3364.



This preview shows how white text looks on a background with the Yxy color 10.9048, 0.6319, 0.3364.

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

10.9048, 0.6319, 0.3364

Protanopia

11.3145, 0.4246, 0.4709

Deuteranopia

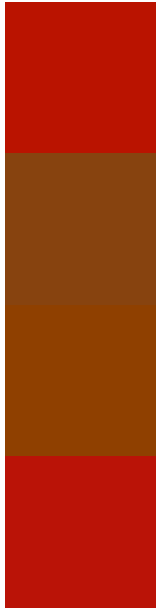
11.2343, 0.4679, 0.4667



Tritanopia

10.9290, 0.6260, 0.3330

Trichromacy



Original Color

10.9048, 0.6319, 0.3364

Protanomaly

9.1997, 0.5283, 0.4022

Deuteranomaly

9.5064, 0.5528, 0.3993

Tritanomaly

10.9202, 0.6282, 0.3343

Monochromacy



Original Color

10.9048, 0.6319, 0.3364

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.7706, 0.4779, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9048, 0.6319, 0.3364 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, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 19, 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(186, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 19, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.9048, 0.6319, 0.3364 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, 19, 0) }
```

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

```
.border{ border-color:rgb(186, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9048, 0.6319, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 19, 0) }
```

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

```
.background{ background-color: rgb(186, 19,  
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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