

Converting Colors

$Yxy(10.9264, 0.6204, 0.3456)$

Have a look what the booklet for
Yxy(10.9264, 0.6204, 0.3456)
contains.

Yxy(10.9115, 0.6206, 0.3455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(10.9115, 0.6206, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	B52100
RGB	181, 33, 0
RGB Percent	71%, 13%, 0%
CMY	0.2902, 0.8705, 1.0000
CMYK	0.00, 0.82, 1.00, 0.29
HSL	11°, 100%, 35%
HSV	11°, 100%, 71%
XYZ	19.5996, 10.9115, 1.0706
YIQ	73.4900, 98.8010, 21.1130

Conversions

Conversions Part 2

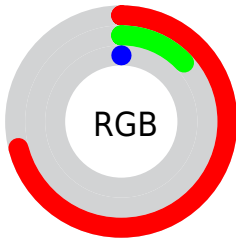
Format	Color
R_{YB}	181, 40, 0
Decimal	11870464
CIE Lab	39.43, 56.47, 52.72
CIE LCh	39, 77.257, 43.035
Yxy	10.9115, 0.6206, 0.3455
Android (android.graphics.Color)	4290060544 (0xFFB52100)
YUV	73.4900, -36.2306, 94.2863
Hunter-Lab	33.0326, 48.1048, 21.2011

Details

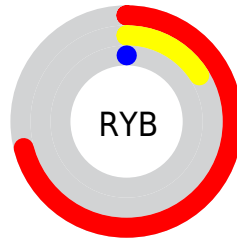
The Yxy color **10.9115, 0.6206, 0.3455** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **24.5108, 0.2083, 0.2697**, and the grayscale version is **6.8068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4891, 0.5551, 0.3616**, and **3.8516, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9124, 0.6205, 0.3455**, and if you desaturate by 10%, it is **11.9665, 0.5945, 0.3519**.

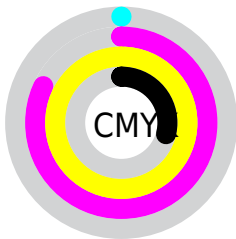
Distribution



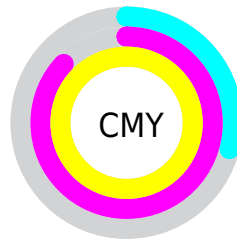
- Red (71%)
- Green (13%)
- Blue (0%)



- Red (71%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)
- Black (29%)





- Cyan (29%)
- Magenta (87%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9115, 0.6206, 0.3455 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 10.9115, 0.6206, 0.3455 by changing the saturation by 10% instead.


 10.9115, 0.6206,
0.3455

 10.9115, 0.6206,
0.3455


 197.0594, 0.4449,
0.3613

 6.0074, 0.6703,
0.3297

 27.4964, 0.5557,
0.3616


 2.8496, 0.7095,
0.2905

 39.9459, 0.5310,
0.3641


 1.0537, 0.7678,
0.2322

 55.6794, 0.5103,
0.3650

 0.0000, 1.0000,
0.0000


 75.0812, 0.4929,
0.3649


 0.0000, 0.0000,
0.0000


 98.5357, 0.4781,
0.3643


 126.4273, 0.4654,

0.3635

 159.1404, 0.4544,
0.3624


 10.9115, 0.6206,
0.3455

 10.9115, 0.6206,
0.3455

 10.9124, 0.6205,
0.3455

 11.9665, 0.5945,
0.3519

 13.4647, 0.5596,
0.3565

 15.4584, 0.5188,
0.3578

 17.9876, 0.4772,
0.3564

 21.0876, 0.4382,
0.3530

■ 24.7909, 0.4038,
0.3484

■ 29.1274, 0.3745,
0.3434

■ 34.1251, 0.3499,
0.3384

■ 39.8103, 0.3295,
0.3335

Harmonies

Analogous

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



10.9115, 0.5754, 0.2662



10.9115, 0.6206, 0.3455



10.9115, 0.5547, 0.4453

Triad

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



10.9115, 0.6206, 0.3455



10.9115, 0.1741, 0.5559



10.9115, 0.1399, 0.1191

Complementary

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



10.9115, 0.6206, 0.3455



24.5108, 0.2083, 0.2697

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.



10.9115, 0.0908, 0.1286



10.9115, 0.6206, 0.3455



10.9115, 0.0984, 0.3221

Square

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



10.9115, 0.6206, 0.3455



10.9115, 0.2953, 0.6563



10.9115, 0.0771, 0.1821



10.9115, 0.2430, 0.1406

Rectangle

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



10.9115, 0.6206, 0.3455



10.9115, 0.4744, 0.5256



10.9115, 0.0771, 0.1821



10.9115, 0.1187, 0.1187

Sweetspot

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



10.9124, 0.6205, 0.3455



51.7497, 0.3758, 0.3437



12.0527, 0.3680, 0.1801



10.4638, 0.3875, 0.3458



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



10.9124, 0.6205, 0.3455



19.3069, 0.6228, 0.3437



23.4176, 0.4931, 0.4467



8.7477, 0.3283, 0.3332



7.5985, 0.6187, 0.3469



0.3141, 0.5698, 0.3858

Inverse Universe

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



24.5108, 0.2083, 0.2697



43.5893, 0.2080, 0.2686



6.6029, 0.1634, 0.1082



9.3627, 0.2986, 0.3247



16.9902, 0.2085, 0.2705



0.6031, 0.2135, 0.2885

Previews

White Background



This preview shows how the Yxy color 10.9115, 0.6206, 0.3455 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 10.9115, 0.6206, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 10.9115, 0.6206, 0.3455.



This preview shows how white text looks on a background with the Yxy color 10.9115, 0.6206, 0.3455.

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

10.9115, 0.6206, 0.3455

Protanopia

11.3065, 0.4261, 0.4732

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

10.8975, 0.6000, 0.3306

Trichromacy



Original Color

10.9115, 0.6206, 0.3455

Protanomaly

9.6530, 0.5166, 0.4131

Deuteranomaly

10.0070, 0.5417, 0.4081

Tritanomaly

10.9038, 0.6100, 0.3378

Monochromacy



Original Color

10.9115, 0.6206, 0.3455

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.6681, 0.4629, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9115, 0.6206, 0.3455 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(181, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 33, 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(181, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 33, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.9115, 0.6206, 0.3455 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(181, 33, 0) }
```

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

```
.border{ border-color:rgb(181, 33, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 33, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 33, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9115, 0.6206, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 33, 0) }
```

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

```
.background{ background-color: rgb(181, 33,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor