

Converting Colors

$Y_{xy}(10.6806, 0.6203, 0.3457)$

Have a look what the booklet for
Yxy(10.6806, 0.6203, 0.3457)
contains.

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Color

Yxy(10.6714, 0.6201, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	B32100
RGB	179, 33, 0
RGB Percent	70%, 13%, 0%
CMY	0.2980, 0.8706, 0.9998
CMYK	0.00, 0.82, 1.00, 0.30
HSL	11°, 100%, 35%
HSV	11°, 100%, 70%
XYZ	19.1363, 10.6714, 1.0523
YIQ	72.8920, 97.6090, 20.6890

Conversions

Conversions Part 2

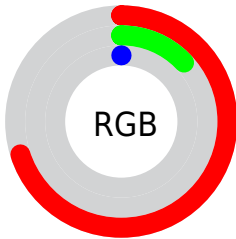
Format	Color
R_{YB}	179, 40, 0
Decimal	11739392
CIE _{Lab}	39.02, 55.89, 52.26
CIE _{LCh}	39, 76.518, 43.079
Yxy	10.6714, 0.6201, 0.3458
Android (android.graphics.Color)	4289929472 (0xFFB32100)
YUV	72.8920, -35.9358, 93.0567
Hunter-Lab	32.6671, 47.3974, 20.9570

Details

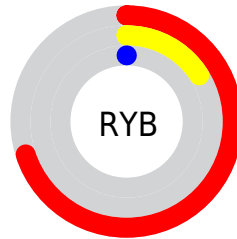
The Yxy color **10.6714, 0.6201, 0.3458** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **23.8326, 0.2081, 0.2692**, and the grayscale version is **6.6940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9569, 0.5548, 0.3612**, and **3.7130, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.6701, 0.6201, 0.3458**, and if you desaturate by 10%, it is **11.7092, 0.5939, 0.3523**.

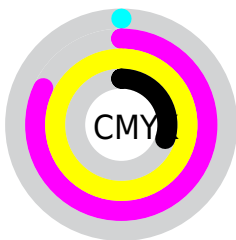
Distribution



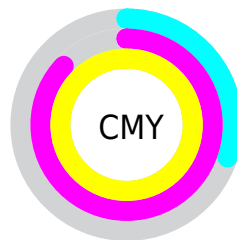
- Red (70%)
- Green (13%)
- Blue (0%)



- Red (70%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)
- Black (30%)





- Cyan (30%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6714, 0.6201, 0.3458 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 10.6714, 0.6201, 0.3458 by changing the saturation by 10% instead.


 10.6714, 0.6201,
0.3458


 10.6714, 0.6201,
0.3458


 195.3991, 0.4440,
0.3613

 5.8463, 0.6701,
0.3299

 27.0509, 0.5548,
0.3618

 2.7519, 0.7097,
0.2903

 39.3741, 0.5300,
0.3643


 1.0036, 0.7688,
0.2312

 54.9655, 0.5093,
0.3651

 0.0000, 1.0000,
0.0000


 74.2095, 0.4919,
0.3650


 0.0000, 0.0000,
0.0000

 97.4905, 0.4772,
0.3644


 125.1928, 0.4645,


0.3635


 157.7009, 0.4535,
0.3624


 10.6714, 0.6201,
0.3458

 10.6714, 0.6201,
0.3458

 10.6701, 0.6201,
0.3458

 11.7092, 0.5939,
0.3523

 13.1783, 0.5589,
0.3568

 15.1293, 0.5182,
0.3581

 17.6007, 0.4767,
0.3566

 20.6267, 0.4379,
0.3532

■ 24.2388, 0.4036,
0.3486

■ 28.4658, 0.3743,
0.3436

■ 33.3349, 0.3498,
0.3385

■ 38.8714, 0.3295,
0.3336

Harmonies

Analogous

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



10.6714, 0.5750, 0.2665



10.6714, 0.6201, 0.3458



10.6714, 0.5544, 0.4456

Triad

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



10.6714, 0.6201, 0.3458



10.6714, 0.1743, 0.5550



10.6714, 0.1402, 0.1194

Complementary

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



10.6714, 0.6201, 0.3458



23.8326, 0.2081, 0.2692

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.



10.6714, 0.0911, 0.1288



10.6714, 0.6201, 0.3458



10.6714, 0.0986, 0.3219

Square

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



10.6714, 0.6201, 0.3458



10.6714, 0.2953, 0.6557



10.6714, 0.0774, 0.1823



10.6714, 0.2434, 0.1409

Rectangle

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



10.6714, 0.6201, 0.3458



10.6714, 0.4742, 0.5258



10.6714, 0.0774, 0.1823



10.6714, 0.1190, 0.1189

Sweetspot

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



10.6721, 0.6201, 0.3458



50.5459, 0.3757, 0.3438



11.6673, 0.3734, 0.1831



10.4747, 0.3874, 0.3459



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.



10.6721, 0.6201, 0.3458



18.8716, 0.6224, 0.3440



23.5869, 0.4886, 0.4503



8.7500, 0.3283, 0.3333



7.6107, 0.6184, 0.3472



0.3150, 0.5693, 0.3862

Inverse Universe

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



23.8326, 0.2081, 0.2692



42.3668, 0.2078, 0.2681



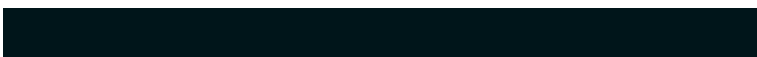
6.1535, 0.1623, 0.1042



9.3602, 0.2986, 0.3247



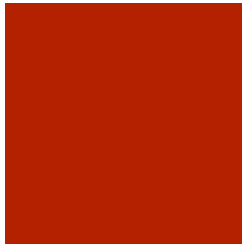
16.9251, 0.2083, 0.2699



0.6016, 0.2134, 0.2881

Previews

White Background



This preview shows how the Yxy color 10.6714, 0.6201, 0.3458 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 10.6714, 0.6201, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 10.6714, 0.6201, 0.3458.



This preview shows how white text looks on a background with the Yxy color 10.6714, 0.6201, 0.3458.

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

10.6714, 0.6201, 0.3458

Protanopia

11.0666, 0.4260, 0.4727

Deuteranopia

10.9963, 0.4683, 0.4663



Tritanopia

10.6574, 0.5991, 0.3306

Trichromacy



Original Color

10.6714, 0.6201, 0.3458

Protanomaly

9.5720, 0.5153, 0.4140

Deuteranomaly

9.8317, 0.5395, 0.4098

Tritanomaly

10.6637, 0.6093, 0.3380

Monochromacy



Original Color

10.6714, 0.6201, 0.3458

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 10.6714, 0.6201, 0.3458 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(179, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 33, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.6714, 0.6201, 0.3458 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(179, 33, 0) }
```

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

```
.border{ border-color:rgb(179, 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(179, 33, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 33, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6714, 0.6201, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 33, 0) }
```

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

```
.background{ background-color: rgb(179, 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](#).

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