

Converting Colors

$Yxy(10.5456, 0.6328, 0.3358)$

Have a look what the booklet for
Yxy(10.5456, 0.6328, 0.3358)
contains.

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Color

Yxy(10.5912, 0.6329, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	B81100
RGB	184, 17, 0
RGB Percent	72%, 7%, 0%
CMY	0.2784, 0.9333, 1.0000
CMYK	0.00, 0.91, 1.00, 0.28
HSL	6°, 100%, 36%
HSV	6°, 100%, 72%
XYZ	19.9677, 10.5912, 0.9907
YIQ	64.9950, 104.9890, 30.1170

Conversions

Conversions Part 2

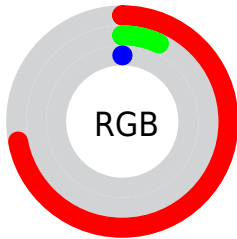
Format	Color
RYB	184, 19, 0
Decimal	12062976
CIELab	38.88, 60.67, 52.87
CIELCh	39, 80.476, 41.072
Yxy	10.5912, 0.6329, 0.3357
Android (android.graphics.Color)	4290253056 (0xFFB81100)
YUV	64.9950, -32.0425, 104.3674
Hunter-Lab	32.5441, 52.5681, 20.9761

Details

The Yxy color **10.5912, 0.6329, 0.3357** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **31.0918, 0.2166, 0.2998**, and the grayscale version is **5.3249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8758, 0.5658, 0.3543**, and **4.0649, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.5920, 0.6329, 0.3357**, and if you desaturate by 10%, it is **11.3634, 0.6100, 0.3391**.

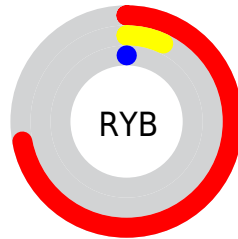
Distribution



Red (72%)

Green (7%)

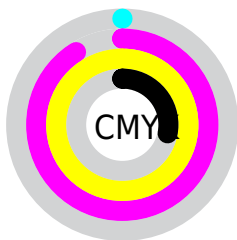
Blue (0%)



Red (72%)

Yellow (7%)

Blue (0%)

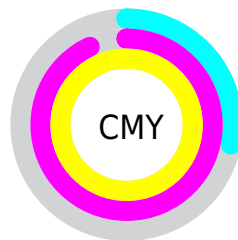


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5912, 0.6329, 0.3357 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 10.5912, 0.6329, 0.3357 by changing the saturation by 10% instead.


 10.5912, 0.6329,
0.3357


 10.5912, 0.6329,
0.3357


 194.8410, 0.4501,
0.3586


 5.7927, 0.6830,
0.3170

 26.9017, 0.5655,
0.3549


 2.7194, 0.7243,
0.2757

 39.1825, 0.5398,
0.3585


 0.9871, 0.7848,
0.2152

 54.7261, 0.5183,
0.3601

 0.0000, 1.0000,
0.0000


 73.9170, 0.5002,
0.3607


 0.0000, 0.0000,
0.0000


 97.1395, 0.4848,
0.3606


 124.7781, 0.4715,

0.3601

 157.2172, 0.4601,
0.3594

 10.5912, 0.6329,
0.3357


 10.5912, 0.6329,
0.3357


 10.5920, 0.6329,
0.3357

 11.3634, 0.6100,
0.3391

 12.6397, 0.5753,
0.3421

 14.4961, 0.5323,
0.3433

 16.9910, 0.4873,
0.3429

 20.1757, 0.4450,
0.3413

■ 24.0962, 0.4079,
0.3390

■ 28.7945, 0.3766,
0.3365

■ 34.3096, 0.3508,
0.3338

■ 40.6776, 0.3298,
0.3313

Harmonies

Analogous

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



10.5912, 0.5794, 0.2569



10.5912, 0.6329, 0.3357



10.5912, 0.5654, 0.4346

Triad

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



10.5912, 0.6329, 0.3357



10.5912, 0.1734, 0.5848



10.5912, 0.1295, 0.1127

Complementary

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



10.5912, 0.6329, 0.3357



31.0918, 0.2166, 0.2998

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.



10.5912, 0.0830, 0.1240



10.5912, 0.6329, 0.3357



10.5912, 0.0938, 0.3339

Square

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



10.5912, 0.6329, 0.3357



10.5912, 0.2992, 0.6725



10.5912, 0.0709, 0.1813



10.5912, 0.2305, 0.1324

Rectangle

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



10.5912, 0.6329, 0.3357



10.5912, 0.4825, 0.5175



10.5912, 0.0709, 0.1813



10.5912, 0.1093, 0.1128

Sweetspot

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



10.5920, 0.6329, 0.3357



51.7349, 0.3780, 0.3366



13.0426, 0.3430, 0.1663



10.3536, 0.3905, 0.3377



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.



10.5920, 0.6329, 0.3357



19.0531, 0.6343, 0.3346



20.7757, 0.5164, 0.4281



9.1422, 0.3285, 0.3312



7.3477, 0.6316, 0.3367



0.3039, 0.6023, 0.3600

Inverse Universe

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



31.0918, 0.2166, 0.2998



56.1728, 0.2165, 0.2993



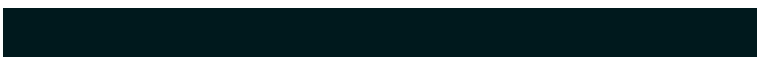
8.7220, 0.1698, 0.1313



10.0648, 0.2985, 0.3268



21.4829, 0.2167, 0.3001



0.7990, 0.2189, 0.3082

Previews

White Background



This preview shows how the Yxy color 10.5912, 0.6329, 0.3357 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



This preview shows how the Yxy color 10.5912, 0.6329, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

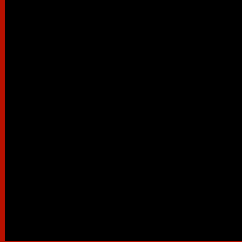
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.5912, 0.6329, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 10.5912, 0.6329, 0.3357.



This preview shows how white text looks on a background with the Yxy color 10.5912, 0.6329, 0.3357.

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

10.5912, 0.6329, 0.3357

Protanopia

11.0705, 0.4253, 0.4716

Tritanopia

10.6044, 0.6295, 0.3338

Trichromacy



Original Color

10.5912, 0.6329, 0.3357

Protanomaly

8.9993, 0.5291, 0.4012

Tritanomaly

10.6000, 0.6306, 0.3344

Monochromacy



Original Color

10.5912, 0.6329, 0.3357

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.4621, 0.4820, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5912, 0.6329, 0.3357 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(184, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 17, 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(184, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 17, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.5912, 0.6329, 0.3357 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(184, 17, 0) }
```

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

```
.border{ border-color:rgb(184, 17, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 17, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 17, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 10.5912, 0.6329, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 17, 0) }
```

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

```
.background{ background-color: rgb(184, 17,  
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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