

Converting Colors

$Y_{xy}(11.4210, 0.6349, 0.3341)$

Have a look what the booklet for
Yxy(11.4210, 0.6349, 0.3341)
contains.

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Color

Yxy(11.3904, 0.6349, 0.3341)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BF0E00 |
| RGB | 191, 14, 0 |
| RGB Percent | 75%, 5%, 0% |
| CMY | 0.2509, 0.9453, 1.0000 |
| CMYK | 0.00, 0.93, 1.00, 0.25 |
| HSL | 4°, 100%, 37% |
| HSV | 4°, 100%, 75% |
| XYZ | 21.6455, 11.3904, 1.0569 |
| YIQ | 65.3270, 109.9860, 33.1700 |

Conversions

Conversions Part 2

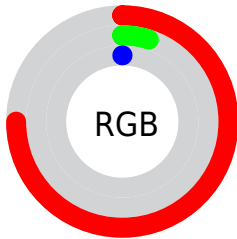
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 191, 15, 0 |
| Decimal | 12520960 |
| CIE _{Lab} | 40.23, 62.96, 54.29 |
| CIE _{LCh} | 40, 83.136, 40.767 |
| Yxy | 11.3904, 0.6349, 0.3341 |
| Android (android.graphics.Color) | 4290711040 (0xFFBF0E00) |
| YUV | 65.3270, -32.2062, 110.2152 |
| Hunter-Lab | 33.7497, 55.4199, 21.7681 |

Details

The Yxy color **11.3904, 0.6349, 0.3341** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **35.2279, 0.2183, 0.3060**, and the grayscale version is **5.3733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1546, 0.5681, 0.3541**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.3912, 0.6349, 0.3341**, and if you desaturate by 10%, it is **12.1406, 0.6134, 0.3367**.

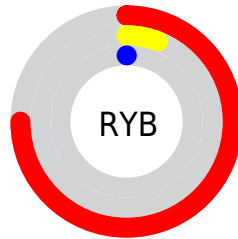
Distribution



Red (75%)

Green (5%)

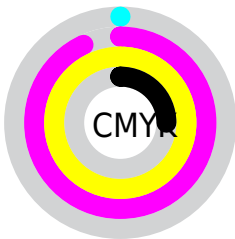
Blue (0%)



Red (75%)

Yellow (6%)

Blue (0%)

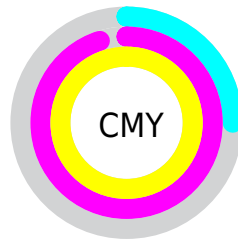


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3904, 0.6349, 0.3341 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 11.3904, 0.6349, 0.3341 by changing the saturation by 10% instead.


 11.3904, 0.6349,
0.3341

 11.3904, 0.6349,
0.3341


 200.3267, 0.4532,
0.3583


 6.3301, 0.6842,
0.3158


 28.3799, 0.5686,
0.3535


 3.0468, 0.7242,
0.2758

 41.0778, 0.5431,
0.3573

 1.1562, 0.7820,
0.2180

 57.0903, 0.5217,
0.3592

 0.0255, 0.9859,
0.0141

 76.8019, 0.5035,
0.3599


 0.0000, 1.0000,
0.0000


 100.5970, 0.4881,
0.3600

 0.0000, 0.0000,
0.0000

 128.8599, 0.4748,


0.3596

 161.9750, 0.4632,
0.3591

 11.3904, 0.6349,
0.3341


 11.3904, 0.6349,
0.3341


 11.3912, 0.6349,
0.3341

 12.1406, 0.6134,
0.3367

 13.4472, 0.5791,
0.3392

 15.4000, 0.5358,
0.3403

 18.0683, 0.4901,
0.3400

 21.5124, 0.4469,
0.3388

■ 25.7863, 0.4091,
0.3370

■ 30.9390, 0.3773,
0.3350

■ 37.0159, 0.3511,
0.3329

■ 44.0591, 0.3299,
0.3309

Harmonies

Analogous

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



11.3904, 0.5800, 0.2553



11.3904, 0.6349, 0.3341



11.3904, 0.5672, 0.4328

Triad

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



11.3904, 0.6349, 0.3341



11.3904, 0.1732, 0.5896



11.3904, 0.1279, 0.1117

Complementary

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



11.3904, 0.6349, 0.3341



35.2279, 0.2183, 0.3060

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.



11.3904, 0.0817, 0.1232



11.3904, 0.6349, 0.3341



11.3904, 0.0930, 0.3359

Square

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



11.3904, 0.6349, 0.3341



11.3904, 0.2994, 0.6741



11.3904, 0.0699, 0.1812



11.3904, 0.2284, 0.1311

Rectangle

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



11.3904, 0.6349, 0.3341



11.3904, 0.4839, 0.5161



11.3904, 0.0699, 0.1812



11.3904, 0.1078, 0.1118

Sweetspot

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



11.3912, 0.6349, 0.3341



54.9279, 0.3786, 0.3351



14.3038, 0.3384, 0.1638



11.1606, 0.3916, 0.3359



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.3912, 0.6349, 0.3341



20.2730, 0.6360, 0.3332



21.8543, 0.5216, 0.4241



9.6454, 0.3287, 0.3307



7.5315, 0.6337, 0.3350



0.3337, 0.6110, 0.3531

Inverse Universe

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



35.2279, 0.2183, 0.3060



62.9268, 0.2182, 0.3056



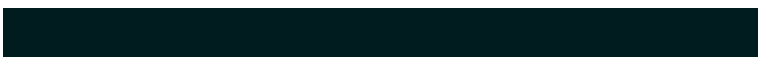
9.9140, 0.1711, 0.1359



10.6869, 0.2985, 0.3273



23.1984, 0.2184, 0.3063



0.9447, 0.2200, 0.3121

Previews

White Background



This preview shows how the Yxy color 11.3904, 0.6349, 0.3341 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 11.3904, 0.6349, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 11.3904, 0.6349, 0.3341.



This preview shows how white text looks on a background with the Yxy color 11.3904, 0.6349, 0.3341.

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

11.3904, 0.6349, 0.3341

Protanopia

11.8665, 0.4264, 0.4709

Deuteranopia

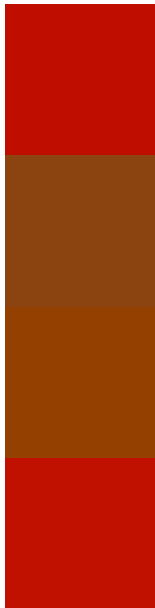
11.7919, 0.4686, 0.4661



Tritanopia

11.4773, 0.6334, 0.3352

Trichromacy



Original Color

11.3904, 0.6349, 0.3341

Protanomaly

9.5378, 0.5331, 0.3991

Deuteranomaly

9.8698, 0.5566, 0.3962

Tritanomaly

11.4469, 0.6339, 0.3348

Monochromacy



Original Color

11.3904, 0.6349, 0.3341

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.4936, 0.4907, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3904, 0.6349, 0.3341 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(191, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 14, 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(191, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 14, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3904, 0.6349, 0.3341 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(191, 14, 0) }
```

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

```
.border{ border-color:rgb(191, 14, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 14, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3904, 0.6349, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 14, 0) }
```

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

```
.background{ background-color: rgb(191, 14,  
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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