

Converting Colors

$Yxy(11.1245, 0.6363, 0.3279)$

Have a look what the booklet for
Yxy(11.1245, 0.6363, 0.3279)
contains.

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Color

Yxy(11.0917, 0.6364, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	BF0007
RGB	191, 0, 7
RGB Percent	75%, 0%, 3%
CMY	0.2509, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.96, 0.25
HSL	358°, 100%, 37%
HSV	358°, 100%, 75%
XYZ	21.5272, 11.0917, 1.2076
YIQ	57.9070, 111.5890, 42.6690

Conversions

Conversions Part 2

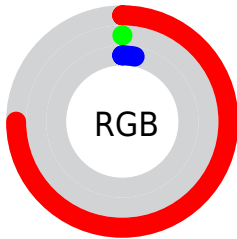
Format	Color
RYB	191, 0, 7
Decimal	12517383
CIELab	39.73, 64.54, 51.49
CIELCh	40, 82.568, 38.582
Yxy	11.0917, 0.6364, 0.3279
Android (android.graphics.Color)	4290707463 (0xFFBF0007)
YUV	57.9070, -25.0972, 116.7226
Hunter-Lab	33.3042, 57.0964, 21.1631

Details

The Yxy color **11.0917, 0.6364, 0.3279** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **40.7290, 0.2278, 0.3400**, and the grayscale version is **4.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5801, 0.5675, 0.3480**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.0937, 0.6364, 0.3279**, and if you desaturate by 10%, it is **11.6195, 0.6161, 0.3268**.

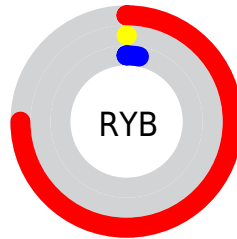
Distribution



Red (75%)

Green (0%)

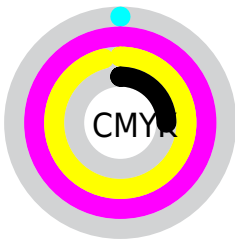
Blue (3%)



Red (75%)

Yellow (0%)

Blue (3%)

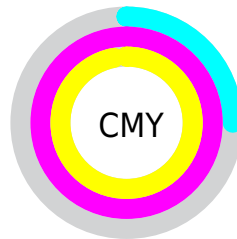


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (25%)



Cyan (25%)


Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0917, 0.6364, 0.3279 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 11.0917, 0.6364, 0.3279 by changing the saturation by 10% instead.


 11.0917, 0.6364,
0.3279


 11.0917, 0.6364,
0.3279


 198.2956, 0.4517,
0.3544


 6.1285, 0.6897,
0.3103

 27.8296, 0.5680,
0.3478


 2.9234, 0.7309,
0.2691

 40.3732, 0.5421,
0.3519


 1.0919, 0.7900,
0.2100

 56.2123, 0.5204,
0.3540

 0.0000, 1.0000,
0.0000


 75.7314, 0.5021,
0.3551


 0.0000, 0.0000,
0.0000


 99.3149, 0.4866,
0.3554

 127.3472, 0.4733,


0.3553


 160.2126, 0.4617,
0.3549


 11.0917, 0.6364,
0.3279

 11.0917, 0.6364,
0.3279


 11.0937, 0.6364,
0.3279

 11.6195, 0.6161,
0.3268

 12.6580, 0.5818,
0.3253

 14.3849, 0.5378,
0.3245

 16.8916, 0.4910,
0.3243

 20.2555, 0.4469,
0.3247

■ 24.5449, 0.4085,
0.3254

■ 29.8208, 0.3765,
0.3263

■ 36.1395, 0.3504,
0.3272

■ 43.5526, 0.3295,
0.3281

Harmonies

Analogous

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



11.0917, 0.5705, 0.2495



11.0917, 0.6364, 0.3279



11.0917, 0.5754, 0.4246

Triad

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



11.0917, 0.6364, 0.3279



11.0917, 0.1811, 0.6058



11.0917, 0.1228, 0.1112

Complementary

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



11.0917, 0.6364, 0.3279



40.7290, 0.2278, 0.3400

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.



11.0917, 0.0796, 0.1252



11.0917, 0.6364, 0.3279



11.0917, 0.0964, 0.3525

Square

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



11.0917, 0.6364, 0.3279



11.0917, 0.3102, 0.6730



11.0917, 0.0699, 0.1881



11.0917, 0.2185, 0.1284

Rectangle

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



11.0917, 0.6364, 0.3279



11.0917, 0.4937, 0.5063



11.0917, 0.0699, 0.1881



11.0917, 0.1038, 0.1121

Sweetspot

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



11.0937, 0.6364, 0.3279



52.9100, 0.3778, 0.3263



13.6422, 0.3084, 0.1473



10.6923, 0.3909, 0.3259



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.



11.0937, 0.6364, 0.3279



19.8577, 0.6374, 0.3285



17.7270, 0.5557, 0.3970



9.5419, 0.3283, 0.3282



7.2920, 0.6354, 0.3274



0.2876, 0.6179, 0.3177

Inverse Universe

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



11.0937, 0.6364, 0.3279



19.8577, 0.6374, 0.3285



13.8773, 0.1818, 0.1744



9.5419, 0.3283, 0.3282



7.2920, 0.6354, 0.3274



0.2876, 0.6179, 0.3177

Previews

White Background



This preview shows how the Yxy color 11.0917, 0.6364, 0.3279 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 11.0917, 0.6364, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 11.0917, 0.6364, 0.3279.



This preview shows how white text looks on a background with the Yxy color 11.0917, 0.6364, 0.3279.

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

11.0917, 0.6364, 0.3279

Protanopia

11.8121, 0.4232, 0.4696

Deuteranopia

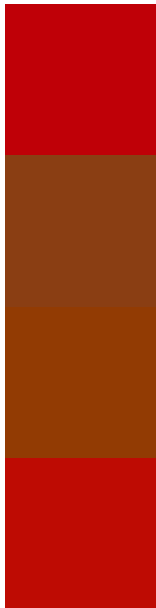
11.7192, 0.4671, 0.4673



Tritanopia

11.3798, 0.6328, 0.3357

Trichromacy



Original Color

11.0917, 0.6364, 0.3279

Protanomaly

8.8955, 0.5380, 0.3884

Deuteranomaly

9.2455, 0.5635, 0.3878

Tritanomaly

11.1931, 0.6345, 0.3323

Monochromacy



Original Color

11.0917, 0.6364, 0.3279

Achromatopsia

4.2311, 0.3127, 0.3290

Achromatomaly

4.5338, 0.5004, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0917, 0.6364, 0.3279 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, 0, 7)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 7)  
}
```

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, 0, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 7) }
```

Border

The CSS property to change the border of an element to Yxy 11.0917, 0.6364, 0.3279 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, 0, 7) }
```

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

```
.border{ border-color:rgb(191, 0, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(191, 0, 7); box-shadow:4px  
4px 4px 4px rgb(191, 0, 7) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0917, 0.6364, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 7) }
```

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

```
.background{ background-color: rgb(191, 0,  
7) }
```

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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