

Converting Colors

$Y_{xy}(14.9420, 0.5858, 0.3730)$

Have a look what the booklet for
Yxy(14.9420, 0.5858, 0.3730)
contains.

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Color

Yxy(14.8570, 0.5863, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	BF4100
RGB	191, 65, 0
RGB Percent	75%, 25%, 0%
CMY	0.2510, 0.7451, 0.9995
CMYK	0.00, 0.66, 1.00, 0.25
HSL	20°, 100%, 37%
HSV	20°, 100%, 75%
XYZ	23.3780, 14.8570, 1.6388
YIQ	95.2640, 95.9610, 6.4970

Conversions

Conversions Part 2

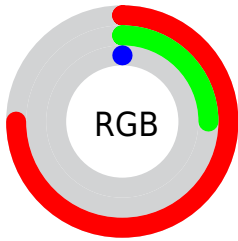
Format	Color
R_{YB}	191, 99, 0
Decimal	12534016
CIE _{Lab}	45.44, 48.46, 56.55
CIE _{LCh}	45, 74.470, 49.405
Yxy	14.8570, 0.5863, 0.3726
Android (android.graphics.Color)	4290724096 (0xFFBF4100)
YUV	95.2640, -46.9652, 83.9605
Hunter-Lab	38.5448, 40.8098, 24.4605

Details

The Yxy color **14.8570, 0.5863, 0.3726** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **18.7165, 0.1927, 0.2136**, and the grayscale version is **11.6115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5123, 0.5328, 0.3795**, and **4.6671, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.8487, 0.5864, 0.3726**, and if you desaturate by 10%, it is **16.5181, 0.5606, 0.3810**.

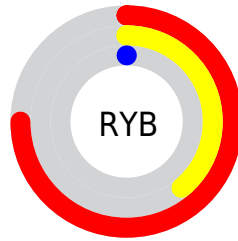
Distribution



Red (75%)

Green (25%)

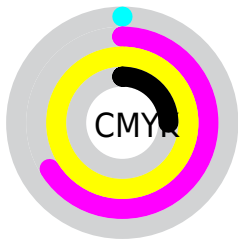
Blue (0%)



Red (75%)

Yellow (39%)

Blue (0%)

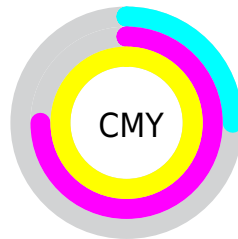


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (75%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8570, 0.5863, 0.3726 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 14.8570, 0.5863, 0.3726 by changing the saturation by 10% instead.


 14.8570, 0.5863,
0.3726


 14.8570, 0.5863,
0.3726


 222.4990, 0.4361,
0.3701


 8.7191, 0.6240,
0.3628


 34.6021, 0.5321,
0.3798


 4.5584, 0.6614,
0.3386

 48.9781, 0.5112,
0.3798


 1.9906, 0.7040,
0.2960

 66.8689, 0.4935,
0.3788

 0.6020, 0.7793,
0.2207

 88.6590, 0.4784,
0.3772


 0.0000, 1.0000,
0.0000

 114.7326, 0.4655,
0.3755

 0.0000, 0.0000,
0.0000


 145.4742, 0.4543,


0.3737


 181.2682, 0.4446,
0.3719


 14.8570, 0.5863,
0.3726

 14.8570, 0.5863,
0.3726


 14.8487, 0.5864,
0.3726

 16.5181, 0.5606,
0.3810

 18.5680, 0.5296,
0.3853

 21.0423, 0.4951,
0.3849

 23.9666, 0.4603,
0.3805

 27.3639, 0.4272,
0.3734

■ 31.2552, 0.3973,
0.3648

■ 35.6606, 0.3711,
0.3556

■ 40.5986, 0.3484,
0.3463

■ 46.0870, 0.3291,
0.3374

Harmonies

Analogous

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



14.8570, 0.5637, 0.2928



14.8570, 0.5863, 0.3726



14.8570, 0.5191, 0.4695

Triad

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



14.8570, 0.5863, 0.3726



14.8570, 0.1732, 0.4810



14.8570, 0.1714, 0.1379

Complementary

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



14.8570, 0.5863, 0.3726



18.7165, 0.1927, 0.2136

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.



14.8570, 0.1145, 0.1413



14.8570, 0.5863, 0.3726



14.8570, 0.1102, 0.2923

Square

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



14.8570, 0.5863, 0.3726



14.8570, 0.2826, 0.6112



14.8570, 0.0952, 0.1836



14.8570, 0.2799, 0.1648

Rectangle

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



14.8570, 0.5863, 0.3726



14.8570, 0.4466, 0.5410



14.8570, 0.0952, 0.1836



14.8570, 0.1474, 0.1356

Sweetspot

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



14.8579, 0.5863, 0.3726



63.4165, 0.3724, 0.3561



12.6219, 0.4276, 0.2129



13.1657, 0.3832, 0.3601



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.



14.8579, 0.5863, 0.3726



26.1896, 0.5892, 0.3704



35.9397, 0.4522, 0.4791



10.0522, 0.3280, 0.3369



9.8931, 0.5840, 0.3745



0.5109, 0.5369, 0.4119

Inverse Universe

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



18.7165, 0.1927, 0.2136



33.0305, 0.1921, 0.2116



4.7920, 0.1540, 0.0744



10.2484, 0.2985, 0.3210



12.4461, 0.1931, 0.2153



0.6042, 0.2016, 0.2457

Previews

White Background



This preview shows how the Yxy color 14.8570, 0.5863, 0.3726 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 14.8570, 0.5863, 0.3726 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 14.8570, 0.5863, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 14.8570, 0.5863, 0.3726.



This preview shows how white text looks on a background with the Yxy color 14.8570, 0.5863, 0.3726.

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

14.8570, 0.5863, 0.3726

Protanopia

15.1254, 0.4309, 0.4785

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.9141, 0.5325, 0.3264

Trichromacy



Original Color

14.8570, 0.5863, 0.3726

Protanomaly

14.0608, 0.4955, 0.4349

Deuteranomaly

14.3129, 0.5197, 0.4256

Tritanomaly

14.8118, 0.5631, 0.3496

Monochromacy



Original Color

14.8570, 0.5863, 0.3726

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4127, 0.4341, 0.3756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8570, 0.5863, 0.3726 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, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 65, 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, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 65, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8570, 0.5863, 0.3726 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, 65, 0) }
```

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

```
.border{ border-color:rgb(191, 65, 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, 65, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 65, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8570, 0.5863, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 65, 0) }
```

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

```
.background{ background-color: rgb(191, 65,  
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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