

Converting Colors

$Y_{xy}(14.4255, 0.5814, 0.3766)$

Have a look what the booklet for
Yxy(14.4255, 0.5814, 0.3766)
contains.

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Color

Yxy(14.4534, 0.5807, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	BA4300
RGB	186, 67, 0
RGB Percent	73%, 26%, 0%
CMY	0.2706, 0.7372, 0.9999
CMYK	0.00, 0.64, 1.00, 0.27
HSL	22°, 100%, 36%
HSV	22°, 100%, 73%
XYZ	22.2569, 14.4534, 1.6174
YIQ	94.9430, 92.4310, 4.3910

Conversions

Conversions Part 2

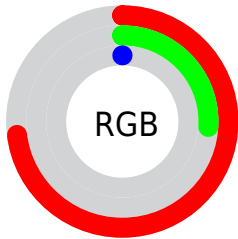
Format	Color
R_{YB}	186, 105, 0
Decimal	12206848
CIE _{Lab}	44.88, 45.79, 55.79
CIE _{LCh}	45, 72.177, 50.626
Yxy	14.4534, 0.5807, 0.3771
Android (android.graphics.Color)	4290396928 (0xFFBA4300)
YUV	94.9430, -46.8069, 79.8570
Hunter-Lab	38.0176, 37.9697, 24.0899

Details

The Yxy color **14.4534, 0.5807, 0.3771** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **16.7436, 0.1907, 0.2065**, and the grayscale version is **11.5286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8681, 0.5266, 0.3834**, and **4.3936, 0.6354, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **14.4521, 0.5807, 0.3771**, and if you desaturate by 10%, it is **16.0635, 0.5553, 0.3852**.

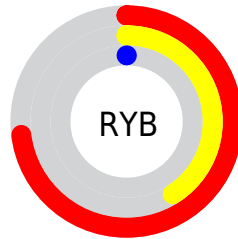
Distribution



Red (73%)

Green (26%)

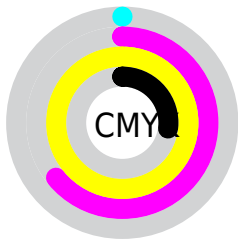
Blue (0%)



Red (73%)

Yellow (41%)

Blue (0%)

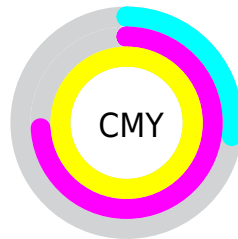


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (74%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4534, 0.5807, 0.3771 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 14.4534, 0.5807, 0.3771 by changing the saturation by 10% instead.


 14.4534, 0.5807,
0.3771


 14.4534, 0.5807,
0.3771


 220.0335, 0.4328,
0.3713

 8.4367, 0.6184,
0.3684


 33.8914, 0.5271,
0.3829

 4.3756, 0.6553,
0.3447

 48.0814, 0.5064,
0.3824

 1.8858, 0.6977,
0.3023

 65.7647, 0.4890,
0.3810

 0.5398, 0.7790,
0.2210

 87.3256, 0.4742,
0.3792


 0.0000, 1.0000,
0.0000


 113.1486, 0.4616,
0.3772


 0.0000, 0.0000,
0.0000

 143.6179, 0.4506,


0.3751

 179.1181, 0.4411,
0.3732


 14.4534, 0.5807,
0.3771


 14.4534, 0.5807,
0.3771


 14.4521, 0.5807,
0.3771

 16.0635, 0.5553,
0.3852

 18.0236, 0.5251,
0.3893

 20.3658, 0.4916,
0.3884

 23.1122, 0.4578,
0.3835

 26.2828, 0.4256,
0.3760

■ 29.8963, 0.3964,
0.3669

■ 33.9699, 0.3706,
0.3571

■ 38.5199, 0.3482,
0.3473

■ 43.5618, 0.3291,
0.3379

Harmonies

Analogous

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



14.4534, 0.5618, 0.2973



14.4534, 0.5807, 0.3771



14.4534, 0.5128, 0.4731

Triad

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



14.4534, 0.5807, 0.3771



14.4534, 0.1726, 0.4695



14.4534, 0.1770, 0.1411

Complementary

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



14.4534, 0.5807, 0.3771



16.7436, 0.1907, 0.2065

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.



14.4534, 0.1187, 0.1433



14.4534, 0.5807, 0.3771



14.4534, 0.1119, 0.2877

Square

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



14.4534, 0.5807, 0.3771



14.4534, 0.2796, 0.6028



14.4534, 0.0982, 0.1836



14.4534, 0.2863, 0.1689

Rectangle

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



14.4534, 0.5807, 0.3771



14.4534, 0.4409, 0.5422



14.4534, 0.0982, 0.1836



14.4534, 0.1526, 0.1384

Sweetspot

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



14.4542, 0.5807, 0.3771



61.1747, 0.3718, 0.3576



11.8179, 0.4339, 0.2164



12.7638, 0.3824, 0.3618



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



14.4542, 0.5807, 0.3771



25.7783, 0.5836, 0.3748



34.9281, 0.4485, 0.4821



9.5275, 0.3279, 0.3373



9.8537, 0.5784, 0.3790



0.4669, 0.5287, 0.4184

Inverse Universe

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



16.7436, 0.1907, 0.2065



29.8689, 0.1901, 0.2044



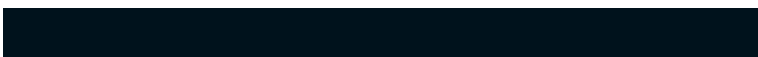
4.3722, 0.1534, 0.0723



9.6518, 0.2985, 0.3206



11.4090, 0.1912, 0.2082



0.5150, 0.2008, 0.2430

Previews

White Background



This preview shows how the Yxy color 14.4534, 0.5807, 0.3771 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 14.4534, 0.5807, 0.3771 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 14.4534, 0.5807, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 14.4534, 0.5807, 0.3771.



This preview shows how white text looks on a background with the Yxy color 14.4534, 0.5807, 0.3771.

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

14.4534, 0.5807, 0.3771

Protanopia

14.6274, 0.4329, 0.4776

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.4034, 0.5235, 0.3250

Trichromacy



Original Color

14.4534, 0.5807, 0.3771

Protanomaly

13.7006, 0.4952, 0.4357

Deuteranomaly

14.0148, 0.5163, 0.4282

Tritanomaly

14.3988, 0.5559, 0.3519

Monochromacy



Original Color

14.4534, 0.5807, 0.3771

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4124, 0.4297, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4534, 0.5807, 0.3771 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(186, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 67, 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(186, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 67, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4534, 0.5807, 0.3771 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(186, 67, 0) }
```

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

```
.border{ border-color:rgb(186, 67, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 67, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 67, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 67, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 67, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4534, 0.5807, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 67, 0) }
```

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

```
.background{ background-color: rgb(186, 67,  
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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