

Converting Colors

$Y_{xy}(14.1236, 0.5892, 0.3704)$

Have a look what the booklet for
Yxy(14.1236, 0.5892, 0.3704)
contains.

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Color

Yxy(14.1366, 0.5889, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	BC3E00
RGB	188, 62, 0
RGB Percent	74%, 24%, 0%
CMY	0.2627, 0.7569, 1.0000
CMYK	0.00, 0.67, 1.00, 0.26
HSL	20°, 100%, 37%
HSV	20°, 100%, 74%
XYZ	22.4637, 14.1366, 1.5449
YIQ	92.6060, 94.9980, 7.4300

Conversions

Conversions Part 2

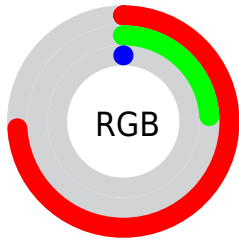
Format	Color
R _Y B	188, 93, 0
Decimal	12336640
CIE Lab	44.43, 48.67, 55.77
CIE LCh	44, 74.020, 48.888
Yxy	14.1366, 0.5889, 0.3706
Android (android.graphics.Color)	4290526720 (0xFFBC3E00)
YUV	92.6060, -45.6548, 83.6605
Hunter-Lab	37.5987, 40.8489, 23.8829

Details

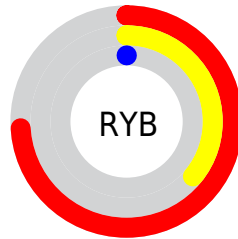
The Yxy color **14.1366, 0.5889, 0.3706** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **18.5594, 0.1937, 0.2173**, and the grayscale version is **10.9416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4718, 0.5335, 0.3791**, and **4.4356, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.1367, 0.5889, 0.3706**, and if you desaturate by 10%, it is **15.7168, 0.5629, 0.3790**.

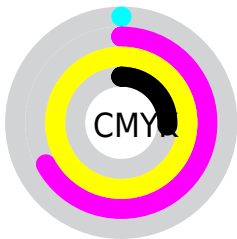
Distribution



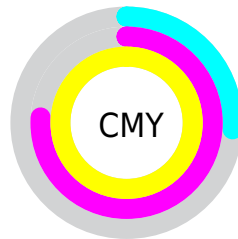
- Red (74%)
- Green (24%)
- Blue (0%)



- Red (74%)
- Yellow (36%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (100%)
- Black (26%)





- Cyan (26%)
- Magenta (76%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1366, 0.5889, 0.3706 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 14.1366, 0.5889, 0.3706 by changing the saturation by 10% instead.


 14.1366, 0.5889,
0.3706


 14.1366, 0.5889,
0.3706


 218.0790, 0.4362,
0.3693


 8.2157, 0.6284,
0.3606


 33.3312, 0.5335,
0.3785


 4.2333, 0.6656,
0.3344

 47.3737, 0.5122,
0.3786


 1.8049, 0.7101,
0.2899

 64.8923, 0.4942,
0.3777

 0.4902, 0.7986,
0.2014

 86.2712, 0.4789,
0.3763

 0.0000, 1.0000,
0.0000


 111.8950, 0.4658,
0.3746

 0.0000, 0.0000,
0.0000


 142.1479, 0.4546,


0.3728


 177.4145, 0.4448,
0.3710


 14.1366, 0.5889,
0.3706


 14.1366, 0.5889,
0.3706

 14.1367, 0.5889,
0.3706

 15.7168, 0.5629,
0.3790

 17.6789, 0.5315,
0.3834

 20.0586, 0.4967,
0.3831

 22.8813, 0.4614,
0.3789

 26.1699, 0.4280,
0.3721

■ 29.9455, 0.3978,
0.3638

■ 34.2281, 0.3713,
0.3548

■ 39.0360, 0.3486,
0.3458

■ 44.3871, 0.3292,
0.3372

Harmonies

Analogous

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



14.1366, 0.5647, 0.2908



14.1366, 0.5889, 0.3706



14.1366, 0.5224, 0.4684

Triad

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



14.1366, 0.5889, 0.3706



14.1366, 0.1733, 0.4863



14.1366, 0.1689, 0.1364

Complementary

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



14.1366, 0.5889, 0.3706



18.5594, 0.1937, 0.2173

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.



14.1366, 0.1127, 0.1403



14.1366, 0.5889, 0.3706



14.1366, 0.1093, 0.2943

Square

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



14.1366, 0.5889, 0.3706



14.1366, 0.2837, 0.6150



14.1366, 0.0937, 0.1834



14.1366, 0.2771, 0.1629

Rectangle

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



14.1366, 0.5889, 0.3706



14.1366, 0.4495, 0.5412



14.1366, 0.0937, 0.1834



14.1366, 0.1452, 0.1342

Sweetspot

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



14.1374, 0.5889, 0.3706



61.6184, 0.3726, 0.3553



12.2640, 0.4211, 0.2093



12.5266, 0.3833, 0.3591



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.



14.1374, 0.5889, 0.3706



25.2188, 0.5917, 0.3684



33.6535, 0.4559, 0.4762



10.0364, 0.3280, 0.3366



9.7466, 0.5866, 0.3724



0.5042, 0.5391, 0.4102

Inverse Universe

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



18.5594, 0.1937, 0.2173



33.1625, 0.1932, 0.2154



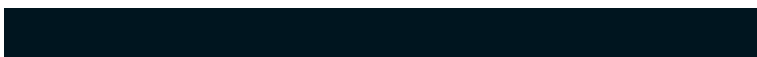
4.8028, 0.1547, 0.0769



10.2649, 0.2985, 0.3213



12.7746, 0.1941, 0.2189



0.6154, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 14.1366, 0.5889, 0.3706 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 14.1366, 0.5889, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

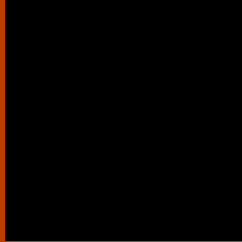
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1366, 0.5889, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 14.1366, 0.5889, 0.3706.



This preview shows how white text looks on a background with the Yxy color 14.1366, 0.5889, 0.3706.

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

14.1366, 0.5889, 0.3706

Protanopia

14.2805, 0.4309, 0.4775

Deuteranopia

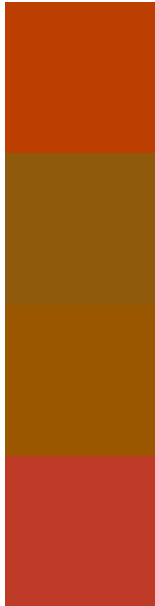
14.3757, 0.4692, 0.4657



Tritanopia

14.1819, 0.5373, 0.3264

Trichromacy



Original Color

14.1366, 0.5889, 0.3706

Protanomaly

13.2707, 0.4971, 0.4331

Deuteranomaly

13.6864, 0.5200, 0.4253

Tritanomaly

14.0932, 0.5667, 0.3485

Monochromacy



Original Color

14.1366, 0.5889, 0.3706

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9395, 0.4348, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1366, 0.5889, 0.3706 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(188, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 62, 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(188, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 62, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1366, 0.5889, 0.3706 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(188, 62, 0) }
```

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

```
.border{ border-color:rgb(188, 62, 0) }
```

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

Here you see how a box with a 4 pixel rgb(188, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 62, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1366, 0.5889, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 62, 0) }
```

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

```
.background{ background-color: rgb(188, 62,  
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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