

Converting Colors

$Y_{xy}(14.9569, 0.5594, 0.3789)$

Have a look what the booklet for
Yxy(14.9569, 0.5594, 0.3789)
contains.

Yxy(15.0190, 0.5588, 0.3795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.0190, 0.5588, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	B74A15
RGB	183, 74, 21
RGB Percent	72%, 29%, 8%
CMY	0.2823, 0.7098, 0.9177
CMYK	0.00, 0.60, 0.89, 0.28
HSL	20°, 79%, 40%
HSV	20°, 89%, 72%
XYZ	22.1149, 15.0190, 2.4418
YIQ	100.5490, 81.9770, 6.6250

Conversions

Conversions Part 2

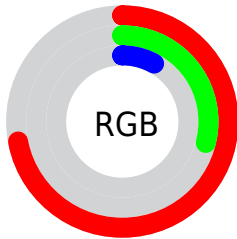
Format	Color
R _Y B	183, 100, 21
Decimal	12012053
CIE Lab	45.66, 41.75, 49.91
CIE LCh	46, 65.071, 50.086
Yxy	15.0190, 0.5588, 0.3795
Android (android.graphics.Color)	4290202133 (0xFFB74A15)
YUV	100.5490, -39.2177, 72.3095
Hunter-Lab	38.7544, 34.0398, 23.3923

Details

The Yxy color **15.0190, 0.5588, 0.3795** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.5440, 0.2003, 0.2325**, and the grayscale version is **12.9781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7891, 0.5067, 0.3811**, and **4.6379, 0.6189, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **13.4855, 0.5855, 0.3715**, and if you desaturate by 10%, it is **16.9222, 0.5266, 0.3832**.

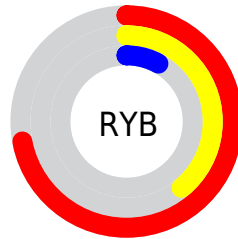
Distribution



Red (72%)

Green (29%)

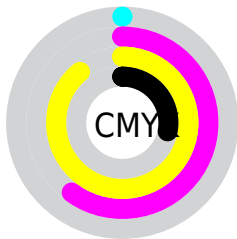
Blue (8%)



Red (72%)

Yellow (39%)

Blue (8%)

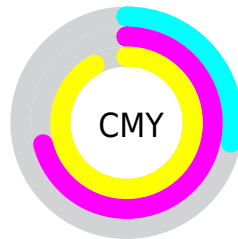


Cyan (0%)

Magenta (60%)

Yellow (89%)

Black (28%)



Cyan (28%)


Magenta (71%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0190, 0.5588, 0.3795 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 15.0190, 0.5588, 0.3795 by changing the saturation by 10% instead.


 15.0190, 0.5588,
0.3795


 15.0190, 0.5588,
0.3795


223.4812, 0.4206,
0.3675


 8.8327, 0.5932,
0.3727


 34.8865, 0.5072,
0.3812


 4.6322, 0.6402,
0.3598

 49.3365, 0.4879,
0.3797

 2.0331, 0.6792,
0.3208

 67.3099, 0.4718,
0.3777

 0.6266, 0.7496,
0.2504

 89.1911, 0.4582,
0.3756


 0.0000, 1.0000,
0.0000


 115.3644, 0.4466,
0.3734


 0.0000, 0.0000,
0.0000


 146.2142, 0.4367,

0.3713

 182.1250, 0.4281,
0.3693

 15.0190, 0.5588,
0.3795


 15.0190, 0.5588,
0.3795


 13.4855, 0.5855,
0.3715

 16.9222, 0.5266,
0.3832

 13.2879, 0.5892,
0.3703

 19.2224, 0.4914,
0.3822

 21.9439, 0.4562,
0.3776

 25.1082, 0.4232,
0.3706

 28.7350, 0.3936,
0.3622

■ 32.8428, 0.3677,
0.3533

■ 37.4491, 0.3455,
0.3444

■ 42.5704, 0.3266,
0.3359

■ 48.2223, 0.3105,
0.3279

Harmonies

Analogous

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



15.0190, 0.5351, 0.3026



15.0190, 0.5588, 0.3795



15.0190, 0.5018, 0.4664

Triad

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



15.0190, 0.5588, 0.3795



15.0190, 0.1892, 0.4556



15.0190, 0.1873, 0.1547

Complementary

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



15.0190, 0.5588, 0.3795



19.5440, 0.2003, 0.2325

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.



15.0190, 0.1322, 0.1582



15.0190, 0.5588, 0.3795



15.0190, 0.1290, 0.2973

Square

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



15.0190, 0.5588, 0.3795



15.0190, 0.2905, 0.5704



15.0190, 0.1133, 0.1990



15.0190, 0.2878, 0.1807

Rectangle

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



15.0190, 0.5588, 0.3795



15.0190, 0.4382, 0.5258



15.0190, 0.1133, 0.1990



15.0190, 0.1643, 0.1524

Sweetspot

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



15.0199, 0.5588, 0.3795



59.6664, 0.3651, 0.3523



12.2624, 0.4056, 0.2077



12.5975, 0.3734, 0.3554



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



15.0199, 0.5588, 0.3795



23.4211, 0.5921, 0.3681



33.0063, 0.4473, 0.4745



9.4793, 0.3280, 0.3365



9.3814, 0.5871, 0.3721



0.4468, 0.5357, 0.4128

Inverse Universe

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



19.5440, 0.2003, 0.2325



31.1124, 0.1935, 0.2165



5.9191, 0.1634, 0.0965



9.7019, 0.2985, 0.3213



12.4186, 0.1944, 0.2199



0.5455, 0.2032, 0.2514

Previews

White Background



This preview shows how the Yxy color 15.0190, 0.5588, 0.3795 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 15.0190, 0.5588, 0.3795 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 15.0190, 0.5588, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 15.0190, 0.5588, 0.3795.



This preview shows how white text looks on a background with the Yxy color 15.0190, 0.5588, 0.3795.

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

15.0190, 0.5588, 0.3795

Protanopia

15.1686, 0.4247, 0.4692

Deuteranopia

15.1038, 0.4711, 0.4641



Tritanopia

15.0516, 0.5033, 0.3246

Trichromacy



Original Color

15.0190, 0.5588, 0.3795

Protanomaly

14.3742, 0.4779, 0.4326

Deuteranomaly

14.5418, 0.5078, 0.4294

Tritanomaly

14.9632, 0.5297, 0.3493

Monochromacy



Original Color

15.0190, 0.5588, 0.3795

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.7753, 0.4090, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0190, 0.5588, 0.3795 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(183, 74, 21)` looks like.

```
.text, #text, p{  
    color:rgb(183, 74, 21)  
}
```

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(183, 74, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 74, 21) }
```

Border

The CSS property to change the border of an element to Yxy 15.0190, 0.5588, 0.3795 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(183, 74, 21) }
```

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

```
.border{ border-color:rgb(183, 74, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 74, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 74, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 74, 21);  
box-shadow:4px 4px 4px 4px rgb(183, 74,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0190, 0.5588, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 74, 21) }
```

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

```
.background{ background-color: rgb(183, 74,  
21) }
```

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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