

Converting Colors

$Y_{xy}(15.2605, 0.5872, 0.3658)$

Have a look what the booklet for
Yxy(15.2605, 0.5872, 0.3658)
contains.

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Color

Yxy(15.3149, 0.5873, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	C43F0B
RGB	196, 63, 11
RGB Percent	77%, 25%, 4%
CMY	0.2314, 0.7529, 0.9572
CMYK	0.00, 0.68, 0.94, 0.23
HSL	17°, 89%, 41%
HSV	17°, 94%, 77%
XYZ	24.6019, 15.3149, 1.9730
YIQ	96.8390, 95.9600, 12.0240

Conversions

Conversions Part 2

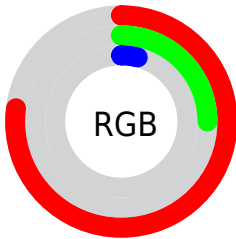
Format	Color
R _Y B	196, 83, 11
Decimal	12861195
CIE Lab	46.06, 51.14, 54.47
CIE LCh	46, 74.716, 46.808
Yxy	15.3149, 0.5873, 0.3656
Android (android.graphics.Color)	4291051275 (0xFFC43F0B)
YUV	96.8390, -42.3186, 86.9642
Hunter-Lab	39.1343, 43.7296, 24.4048

Details

The Yxy color **15.3149, 0.5873, 0.3656** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **23.9678, 0.2009, 0.2401**, and the grayscale version is **11.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3527, 0.5286, 0.3742**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.4849, 0.6013, 0.3608**, and if you desaturate by 10%, it is **17.1528, 0.5575, 0.3726**.

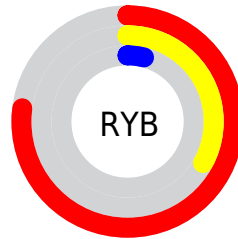
Distribution



Red (77%)

Green (25%)

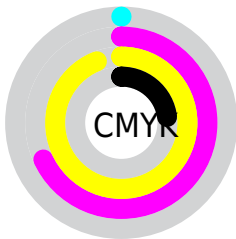
Blue (4%)



Red (77%)

Yellow (33%)

Blue (4%)

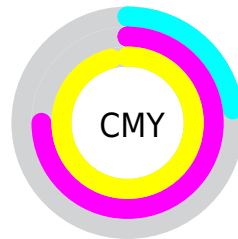


Cyan (0%)

Magenta (68%)

Yellow (94%)

Black (23%)



Cyan (23%)


Magenta (75%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3149, 0.5873, 0.3656 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 15.3149, 0.5873, 0.3656 by changing the saturation by 10% instead.


 15.3149, 0.5873,
0.3656


 15.3149, 0.5873,
0.3656


225.2644, 0.4358,
0.3660


 9.0407, 0.6242,
0.3547


 35.4047, 0.5321,
0.3734


 4.7677, 0.6670,
0.3330

 49.9890, 0.5110,
0.3737


 2.1116, 0.7097,
0.2903

 68.1122, 0.4932,
0.3731

 0.6712, 0.7799,
0.2201

 90.1586, 0.4781,
0.3719


 0.0000, 1.0000,
0.0000


 116.5126, 0.4652,
0.3705


 0.0000, 0.0000,
0.0000


 147.5587, 0.4540,


0.3690


 183.6811, 0.4443,
0.3675

 15.3149, 0.5873,
0.3656

 15.3149, 0.5873,
0.3656

 14.4849, 0.6013,
0.3608

 17.1528, 0.5575,
0.3726

 19.4790, 0.5217,
0.3750

 22.3297, 0.4839,
0.3734

 25.7365, 0.4473,
0.3687

 29.7282, 0.4138,
0.3622

■ 34.3315, 0.3844,
0.3547

■ 39.5714, 0.3591,
0.3469

■ 45.4715, 0.3377,
0.3393

■ 52.0541, 0.3197,
0.3320

Harmonies

Analogous

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



15.3149, 0.5547, 0.2867



15.3149, 0.5873, 0.3656



15.3149, 0.5261, 0.4599

Triad

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



15.3149, 0.5873, 0.3656



15.3149, 0.1822, 0.4966



15.3149, 0.1653, 0.1378

Complementary

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



15.3149, 0.5873, 0.3656



23.9678, 0.2009, 0.2401

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.



15.3149, 0.1124, 0.1441



15.3149, 0.5873, 0.3656



15.3149, 0.1145, 0.3063

Square

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



15.3149, 0.5873, 0.3656



15.3149, 0.2936, 0.6116



15.3149, 0.0959, 0.1907



15.3149, 0.2685, 0.1620

Rectangle

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



15.3149, 0.5873, 0.3656



15.3149, 0.4563, 0.5311



15.3149, 0.0959, 0.1907



15.3149, 0.1429, 0.1363

Sweetspot

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



15.3158, 0.5873, 0.3656



67.7481, 0.3687, 0.3500



14.0677, 0.3968, 0.1985



13.6236, 0.3800, 0.3534



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



15.3158, 0.5873, 0.3656



25.8679, 0.6039, 0.3587



34.4789, 0.4630, 0.4670



10.5293, 0.3282, 0.3355



9.4351, 0.5988, 0.3627



0.5284, 0.5534, 0.3988

Inverse Universe

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



23.9678, 0.2009, 0.2401



41.1728, 0.1980, 0.2327



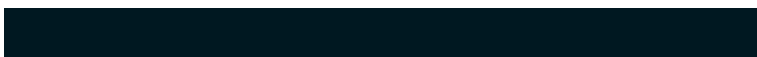
6.7027, 0.1608, 0.0944



10.9336, 0.2984, 0.3224



14.9186, 0.1988, 0.2358



0.7564, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 15.3149, 0.5873, 0.3656 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 15.3149, 0.5873, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

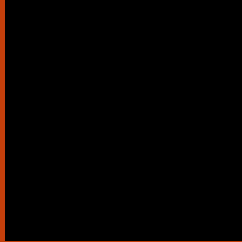
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3149, 0.5873, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 15.3149, 0.5873, 0.3656.



This preview shows how white text looks on a background with the Yxy color 15.3149, 0.5873, 0.3656.

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

15.3149, 0.5873, 0.3656

Protanopia

15.5029, 0.4301, 0.4745

Deuteranopia

15.3896, 0.4707, 0.4644



Tritanopia

15.3460, 0.5419, 0.3266

Trichromacy



Original Color

15.3149, 0.5873, 0.3656

Protanomaly

14.3597, 0.4961, 0.4289

Deuteranomaly

14.6271, 0.5213, 0.4215

Tritanomaly

15.2765, 0.5665, 0.3451

Monochromacy



Original Color

15.3149, 0.5873, 0.3656

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.8769, 0.4279, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3149, 0.5873, 0.3656 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(196, 63, 11)` looks like.

```
.text, #text, p{  
    color:rgb(196, 63, 11)  
}
```

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(196, 63, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 63, 11) }
```

Border

The CSS property to change the border of an element to Yxy 15.3149, 0.5873, 0.3656 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(196, 63, 11) }
```

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

```
.border{ border-color:rgb(196, 63, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 63, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 63, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 63, 11);  
box-shadow:4px 4px 4px 4px rgb(196, 63,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3149, 0.5873, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 63, 11) }
```

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

```
.background{ background-color: rgb(196, 63,  
11) }
```

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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