

Converting Colors

$Yxy(15.0503, 0.5947, 0.3660)$

Have a look what the booklet for
Yxy(15.0503, 0.5947, 0.3660)
contains.

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Color

Yxy(15.0732, 0.5941, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	C43D00
RGB	196, 61, 0
RGB Percent	77%, 24%, 0%
CMY	0.2314, 0.7608, 1.0000
CMYK	0.00, 0.69, 1.00, 0.23
HSL	19°, 100%, 38%
HSV	19°, 100%, 77%
XYZ	24.4338, 15.0732, 1.6204
YIQ	94.4110, 100.0410, 9.6490

Conversions

Conversions Part 2

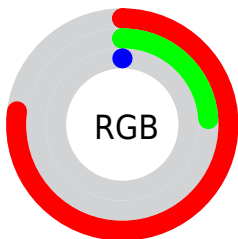
Format	Color
R _Y B	196, 89, 0
Decimal	12860672
CIE Lab	45.73, 51.83, 57.24
CIE LCh	46, 77.219, 47.844
Yxy	15.0732, 0.5941, 0.3665
Android (android.graphics.Color)	4291050752 (0xFFC43D00)
YUV	94.4110, -46.5446, 89.0936
Hunter-Lab	38.8242, 44.3956, 24.7023

Details

The Yxy color **15.0732, 0.5941, 0.3665** 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 **21.3116, 0.1955, 0.2236**, and the grayscale version is **11.3919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0462, 0.5348, 0.3776**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.0742, 0.5941, 0.3665**, and if you desaturate by 10%, it is **16.7505, 0.5681, 0.3751**.

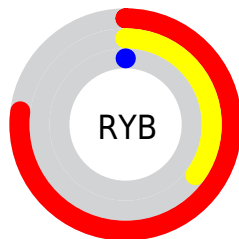
Distribution



Red (77%)

Green (24%)

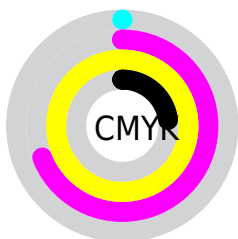
Blue (0%)



Red (77%)

Yellow (35%)

Blue (0%)

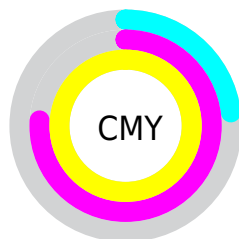


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (76%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0732, 0.5941, 0.3665 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 15.0732, 0.5941, 0.3665 by changing the saturation by 10% instead.


 15.0732, 0.5941,
0.3665


 15.0732, 0.5941,
0.3665


 223.8089, 0.4403,
0.3685


 8.8708, 0.6323,
0.3554


 34.9815, 0.5388,
0.3756


 4.6570, 0.6701,
0.3299

 49.4562, 0.5174,
0.3762

 2.0474, 0.7136,
0.2864

 67.4572, 0.4993,
0.3757

 0.6348, 0.7868,
0.2132

 89.3687, 0.4838,
0.3746


 0.0000, 1.0000,
0.0000


 115.5753, 0.4705,
0.3732

 0.0000, 0.0000,
0.0000

 146.4612, 0.4590,


0.3716


 182.4109, 0.4490,
0.3700

 15.0732, 0.5941,
0.3665


 15.0732, 0.5941,
0.3665


 15.0742, 0.5941,
0.3665

 16.7505, 0.5681,
0.3751

 18.8642, 0.5361,
0.3798

 21.4554, 0.5003,
0.3799

 24.5543, 0.4640,
0.3762

 28.1880, 0.4298,
0.3699

■ 32.3815, 0.3989,
0.3620

■ 37.1582, 0.3720,
0.3535

■ 42.5402, 0.3489,
0.3450

■ 48.5481, 0.3293,
0.3367

Harmonies

Analogous

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



15.0732, 0.5665, 0.2867



15.0732, 0.5941, 0.3665



15.0732, 0.5279, 0.4649

Triad

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



15.0732, 0.5941, 0.3665



15.0732, 0.1737, 0.4971



15.0732, 0.1639, 0.1335

Complementary

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



15.0732, 0.5941, 0.3665



21.3116, 0.1955, 0.2236

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.



15.0732, 0.1089, 0.1384



15.0732, 0.5941, 0.3665



15.0732, 0.1076, 0.2986

Square

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



15.0732, 0.5941, 0.3665



15.0732, 0.2860, 0.6224



15.0732, 0.0910, 0.1833



15.0732, 0.2713, 0.1591

Rectangle

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



15.0732, 0.5941, 0.3665



15.0732, 0.4544, 0.5397



15.0732, 0.0910, 0.1833



15.0732, 0.1406, 0.1317

Sweetspot

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



15.0742, 0.5941, 0.3665



66.8819, 0.3732, 0.3539



13.5478, 0.4151, 0.2060



13.4988, 0.3843, 0.3576



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.



15.0742, 0.5941, 0.3665



26.9058, 0.5967, 0.3644



35.7824, 0.4599, 0.4730



10.5780, 0.3281, 0.3362



9.8223, 0.5916, 0.3685



0.5498, 0.5468, 0.4041

Inverse Universe

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



21.3116, 0.1955, 0.2236



38.1251, 0.1950, 0.2219



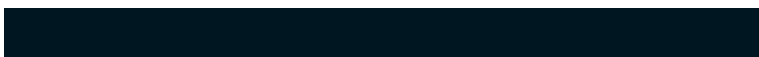
5.4498, 0.1553, 0.0791



10.8823, 0.2984, 0.3217



13.8526, 0.1959, 0.2253



0.7168, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 15.0732, 0.5941, 0.3665 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 15.0732, 0.5941, 0.3665 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 15.0732, 0.5941, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 15.0732, 0.5941, 0.3665.



This preview shows how white text looks on a background with the Yxy color 15.0732, 0.5941, 0.3665.

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

15.0732, 0.5941, 0.3665

Protanopia

15.2024, 0.4318, 0.4767

Deuteranopia

15.3039, 0.4694, 0.4655



Tritanopia

15.1123, 0.5482, 0.3277

Trichromacy



Original Color

15.0732, 0.5941, 0.3665

Protanomaly

14.1674, 0.5010, 0.4307

Deuteranomaly

14.3504, 0.5236, 0.4224

Tritanomaly

15.0364, 0.5741, 0.3469

Monochromacy



Original Color

15.0732, 0.5941, 0.3665

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1861, 0.4380, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0732, 0.5941, 0.3665 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, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 61, 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(196, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 61, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.0732, 0.5941, 0.3665 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, 61, 0) }
```

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

```
.border{ border-color:rgb(196, 61, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 61, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.0732, 0.5941, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 61, 0) }
```

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

```
.background{ background-color: rgb(196, 61,  
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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