

Converting Colors

$Y_{xy}(15.4893, 0.5767, 0.3733)$

Have a look what the booklet for
Yxy(15.4893, 0.5767, 0.3733)
contains.

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Color

Yxy(15.4893, 0.5767, 0.3733)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | C0450C |
| RGB | 192, 69, 12 |
| RGB Percent | 75%, 27%, 5% |
| CMY | 0.2471, 0.7293, 0.9531 |
| CMYK | 0.00, 0.64, 0.94, 0.25 |
| HSL | 19°, 88%, 40% |
| HSV | 19°, 94%, 75% |
| XYZ | 23.9290, 15.4893, 2.0746 |
| YIQ | 99.2790, 91.6050, 8.3490 |

Conversions

Conversions Part 2

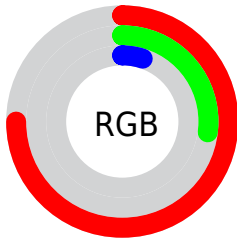
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 192, 95, 12 |
| Decimal | 12600588 |
| CIE Lab | 46.30, 47.19, 53.99 |
| CIE LCh | 46, 71.710, 48.842 |
| Yxy | 15.4893, 0.5767, 0.3733 |
| Android (android.graphics.Color) | 4290790668 (0xFFC0450C) |
| YUV | 99.2790, -43.0285, 81.3163 |
| Hunter-Lab | 39.3564, 39.6553, 24.4241 |

Details

The Yxy color **15.4893, 0.5767, 0.3733** 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 **21.1829, 0.1980, 0.2291**, and the grayscale version is **12.6463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5607, 0.5230, 0.3784**, and **4.8761, 0.6350, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **14.5274, 0.5924, 0.3678**, and if you desaturate by 10%, it is **17.3594, 0.5472, 0.3798**.

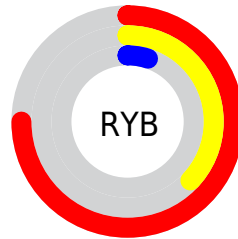
Distribution



Red (75%)

Green (27%)

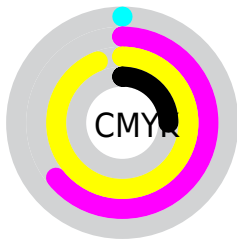
Blue (5%)



Red (75%)

Yellow (37%)

Blue (5%)

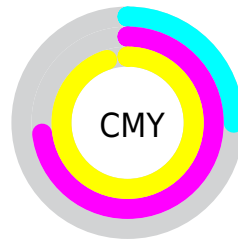


Cyan (0%)

Magenta (64%)

Yellow (94%)

Black (25%)



Cyan (25%)


Magenta (73%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4893, 0.5767, 0.3733 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 15.4893, 0.5767, 0.3733 by changing the saturation by 10% instead.


 15.4893, 0.5767,
0.3733


 15.4893, 0.5767,
0.3733


226.3090, 0.4309,
0.3681


 9.1635, 0.6121,
0.3641


 35.7093, 0.5234,
0.3786


 4.8480, 0.6547,
0.3453

 50.3723, 0.5031,
0.3781


 2.1583, 0.6953,
0.3047

 68.5831, 0.4860,
0.3769

 0.6971, 0.7625,
0.2375

 90.7262, 0.4715,
0.3753


 0.0000, 1.0000,
0.0000


 117.1860, 0.4591,
0.3735


 0.0000, 0.0000,
0.0000


 148.3468, 0.4484,


0.3716

 184.5930, 0.4391,
0.3699


 15.4893, 0.5767,
0.3733


 15.4893, 0.5767,
0.3733


 14.5274, 0.5924,
0.3678

 17.3594, 0.5472,
0.3798

 19.6670, 0.5127,
0.3815

 22.4422, 0.4765,
0.3789

 25.7111, 0.4416,
0.3732

 29.4978, 0.4096,
0.3657

■ 33.8245, 0.3814,
0.3572

■ 38.7122, 0.3570,
0.3485

■ 44.1807, 0.3362,
0.3400

■ 50.2487, 0.3186,
0.3319

Harmonies

Analogous

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



15.4893, 0.5506, 0.2946



15.4893, 0.5767, 0.3733



15.4893, 0.5146, 0.4655

Triad

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



15.4893, 0.5767, 0.3733



15.4893, 0.1818, 0.4760



15.4893, 0.1753, 0.1439

Complementary

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



15.4893, 0.5767, 0.3733



21.1829, 0.1980, 0.2291

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.



15.4893, 0.1202, 0.1482



15.4893, 0.5767, 0.3733



15.4893, 0.1183, 0.2983

Square

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



15.4893, 0.5767, 0.3733



15.4893, 0.2891, 0.5965



15.4893, 0.1018, 0.1913



15.4893, 0.2794, 0.1697

Rectangle

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



15.4893, 0.5767, 0.3733



15.4893, 0.4462, 0.5323



15.4893, 0.1018, 0.1913



15.4893, 0.1521, 0.1418

Sweetspot

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



15.4902, 0.5767, 0.3733



65.8920, 0.3679, 0.3526



13.2141, 0.4130, 0.2080



13.3267, 0.3789, 0.3564



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



15.4902, 0.5767, 0.3733



25.9311, 0.5951, 0.3657



36.0180, 0.4516, 0.4758



10.5875, 0.3281, 0.3364



9.9027, 0.5901, 0.3697



0.5541, 0.5455, 0.4051

Inverse Universe

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



21.1829, 0.1980, 0.2291



35.8962, 0.1944, 0.2199



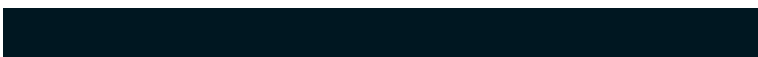
5.7560, 0.1588, 0.0862



10.8724, 0.2984, 0.3215



13.6513, 0.1953, 0.2232



0.7092, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 15.4893, 0.5767, 0.3733 looks on a white background.

Color Contrast Check

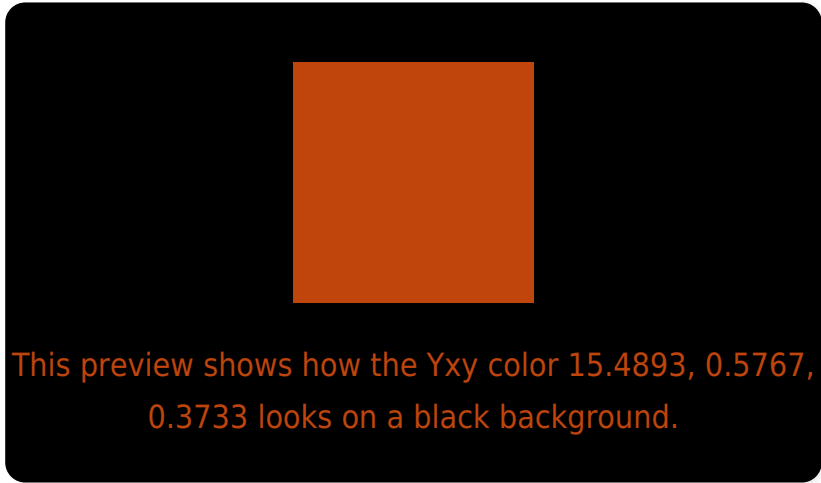
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.4893, 0.5767, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 15.4893, 0.5767, 0.3733.



This preview shows how white text looks on a background with the Yxy color 15.4893, 0.5767, 0.3733.

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

15.4893, 0.5767, 0.3733

Protanopia

15.7199, 0.4287, 0.4759

Deuteranopia

15.5921, 0.4690, 0.4658



Tritanopia

15.4216, 0.5244, 0.3252

Trichromacy



Original Color

15.4893, 0.5767, 0.3733

Protanomaly

14.8058, 0.4891, 0.4336

Deuteranomaly

14.9322, 0.5138, 0.4275

Tritanomaly

15.4473, 0.5511, 0.3478

Monochromacy



Original Color

15.4893, 0.5767, 0.3733

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.3712, 0.4232, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4893, 0.5767, 0.3733 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(192, 69, 12)` looks like.

```
.text, #text, p{  
  color:rgb(192, 69, 12)  
}
```

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(192, 69, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 69, 12) }
```

Border

The CSS property to change the border of an element to Yxy 15.4893, 0.5767, 0.3733 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(192, 69, 12) }
```

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

```
.border{ border-color:rgb(192, 69, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 69, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 69, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 69, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 69,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4893, 0.5767, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 69, 12) }
```

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

```
.background{ background-color: rgb(192, 69,  
12) }
```

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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