

Converting Colors

$Y_{xy}(15.4425, 0.5571, 0.3591)$

Have a look what the booklet for
Yxy(15.4425, 0.5571, 0.3591)
contains.

Yxy(15.4791, 0.5564, 0.3591)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4791, 0.5564, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	BF4527
RGB	191, 69, 39
RGB Percent	75%, 27%, 15%
CMY	0.2509, 0.7295, 0.8471
CMYK	0.00, 0.64, 0.80, 0.25
HSL	12°, 66%, 45%
HSV	12°, 80%, 75%
XYZ	23.9838, 15.4791, 3.6424
YIQ	102.0580, 82.3420, 16.5340

Conversions

Conversions Part 2

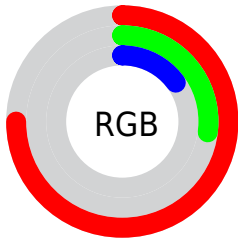
Format	Color
R_{YB}	191, 76, 39
Decimal	12535079
CIE _{Lab}	46.28, 47.49, 42.94
CIE _{LCh}	46, 64.030, 42.119
Yxy	15.4791, 0.5564, 0.3591
Android (android.graphics.Color)	4290725159 (0xFFBF4527)
YUV	102.0580, -31.0876, 78.0021
Hunter-Lab	39.3435, 39.9624, 22.0514

Details

The Yxy color **15.4791, 0.5564, 0.3591** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.6918, 0.2159, 0.2788**, and the grayscale version is **13.3688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6618, 0.5039, 0.3630**, and **4.8544, 0.6359, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **13.7352, 0.5914, 0.3544**, and if you desaturate by 10%, it is **17.7758, 0.5159, 0.3603**.

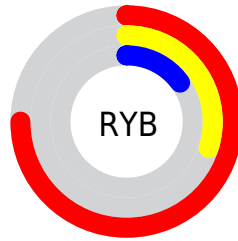
Distribution



Red (75%)

Green (27%)

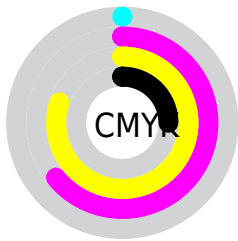
Blue (15%)



Red (75%)

Yellow (30%)

Blue (15%)

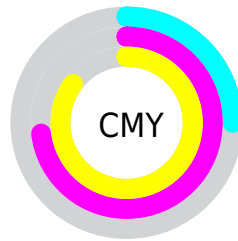


Cyan (0%)

Magenta (64%)

Yellow (80%)

Black (25%)



Cyan (25%)


Magenta (73%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4791, 0.5564, 0.3591 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 15.4791, 0.5564, 0.3591 by changing the saturation by 10% instead.


 15.4791, 0.5564,
0.3591


 15.4791, 0.5564,
0.3591


226.2481, 0.4172,
0.3560


 9.1563, 0.5933,
0.3517


 35.6915, 0.5030,
0.3630


 4.8433, 0.6480,
0.3403

 50.3499, 0.4836,
0.3627

 2.1556, 0.6964,
0.3036

 68.5556, 0.4675,
0.3619

 0.6956, 0.7638,
0.2362

 90.6931, 0.4541,
0.3608

 0.0000, 1.0000,
0.0000

 117.1467, 0.4427,
0.3596

 0.0000, 0.0000,
0.0000

 148.3008, 0.4330,

0.3583

184.5398, 0.4246,
0.3571

15.4791, 0.5564,
0.3591

15.4791, 0.5564,
0.3591

13.7352, 0.5914,
0.3544

17.7758, 0.5159,
0.3603

12.4874, 0.6175,
0.3474

20.6655, 0.4748,
0.3586

12.4452, 0.6185,
0.3471

24.1873, 0.4363,
0.3548

28.3764, 0.4023,
0.3499

33.2651, 0.3733,
0.3444

■ 38.8836, 0.3490,
0.3390

■ 45.2606, 0.3288,
0.3337

■ 52.4228, 0.3121,
0.3288

■ 60.3960, 0.2983,
0.3243

Harmonies

Analogous

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



15.4791, 0.5076, 0.2848



15.4791, 0.5564, 0.3591



15.4791, 0.5192, 0.4419

Triad

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



15.4791, 0.5564, 0.3591



15.4791, 0.2160, 0.4920



15.4791, 0.1714, 0.1558

Complementary

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



15.4791, 0.5564, 0.3591



29.6918, 0.2159, 0.2788

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.



15.4791, 0.1272, 0.1681



15.4791, 0.5564, 0.3591



15.4791, 0.1438, 0.3356

Square

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



15.4791, 0.5564, 0.3591



15.4791, 0.3215, 0.5707



15.4791, 0.1173, 0.2214



15.4791, 0.2580, 0.1739

Rectangle

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



15.4791, 0.5564, 0.3591



15.4791, 0.4634, 0.5006



15.4791, 0.1173, 0.2214



15.4791, 0.1524, 0.1562

Sweetspot

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



15.4800, 0.5564, 0.3591



64.6372, 0.3601, 0.3416



15.1790, 0.3598, 0.1894



13.4136, 0.3691, 0.3436



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.



15.4800, 0.5564, 0.3591



22.7606, 0.6122, 0.3485



30.8334, 0.4609, 0.4488



9.8330, 0.3284, 0.3336



8.2693, 0.6164, 0.3488



0.4162, 0.5715, 0.3845

Inverse Universe

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



29.6918, 0.2159, 0.2788



48.3413, 0.2077, 0.2661



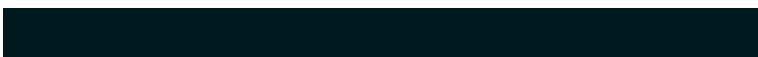
11.0318, 0.1812, 0.1463



10.4810, 0.2985, 0.3244



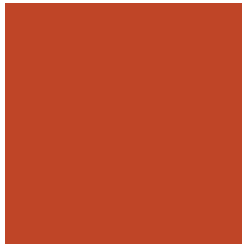
17.6267, 0.2070, 0.2652



0.7735, 0.2117, 0.2822

Previews

White Background



This preview shows how the Yxy color 15.4791, 0.5564, 0.3591 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 15.4791, 0.5564, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

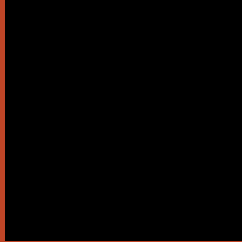
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4791, 0.5564, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 15.4791, 0.5564, 0.3591.



This preview shows how white text looks on a background with the Yxy color 15.4791, 0.5564, 0.3591.

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

15.4791, 0.5564, 0.3591

Protanopia

15.7455, 0.4034, 0.4439

Deuteranopia

15.6808, 0.4555, 0.4486



Tritanopia

15.4167, 0.5209, 0.3251

Trichromacy



Original Color

15.4791, 0.5564, 0.3591

Protanomaly

14.7740, 0.4626, 0.4086

Deuteranomaly

15.0332, 0.4971, 0.4106

Tritanomaly

15.4084, 0.5368, 0.3383

Monochromacy



Original Color

15.4791, 0.5564, 0.3591

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.9452, 0.4032, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4791, 0.5564, 0.3591 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(191, 69, 39)` looks like.

```
.text, #text, p{  
    color:rgb(191, 69, 39)  
}
```

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(191, 69, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 69, 39) }
```

Border

The CSS property to change the border of an element to Yxy 15.4791, 0.5564, 0.3591 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(191, 69, 39) }
```

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

```
.border{ border-color:rgb(191, 69, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 69, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 69, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 69, 39);  
box-shadow:4px 4px 4px 4px rgb(191, 69,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4791, 0.5564, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 69, 39) }
```

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

```
.background{ background-color: rgb(191, 69,  
39) }
```

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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