

Converting Colors

$Y_{xy}(15.4780, 0.3821, 0.5313)$

Have a look what the booklet for
Yxy(15.4780, 0.3821, 0.5313)
contains.

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Color

Yxy(15.5296, 0.3814, 0.5321)

Conversions

Conversions Part 1

Format	Color
Hex	5D7704
RGB	93, 119, 4
RGB Percent	36%, 47%, 2%
CMY	0.6354, 0.5333, 0.9844
CMYK	0.22, 0.00, 0.97, 0.53
HSL	74°, 94%, 24%
HSV	74°, 97%, 47%
XYZ	11.1313, 15.5296, 2.5245
YIQ	98.1160, 21.4190, -41.2770

Conversions

Conversions Part 2

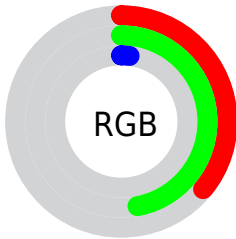
Format	Color
R_{YB}	4, 119, 30
Decimal	6125316
CIE Lab	46.35, -24.13, 50.47
CIE LCh	46, 55.942, 115.549
Yxy	15.5296, 0.3814, 0.5321
Android (android.graphics.Color)	4284315396 (0xFF5D7704)
YUV	98.1160, -46.3992, -4.4867
Hunter-Lab	39.4076, -18.5430, 23.7871

Details

The Yxy color **15.5296, 0.3814, 0.5321** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.6942, 0.1686, 0.0731**, and the grayscale version is **12.3570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7105, 0.3738, 0.4845**, and **4.8726, 0.3577, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **15.4750, 0.3813, 0.5355**, and if you desaturate by 10%, it is **15.7016, 0.3815, 0.5218**.

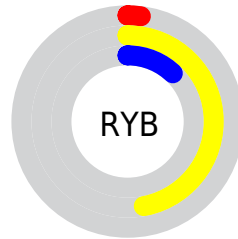
Distribution



Red (36%)

Green (47%)

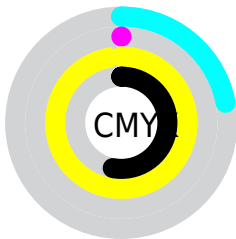
Blue (2%)



Red (2%)

Yellow (47%)

Blue (12%)

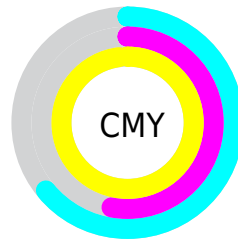


Cyan (22%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (64%)


Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5296, 0.3814, 0.5321 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 15.5296, 0.3814, 0.5321 by changing the saturation by 10% instead.

 15.5296, 0.3814,
0.5321


 15.5296, 0.3814,
0.5321


 226.5497, 0.3505,
0.4126


 9.1919, 0.3825,
0.5650


 35.7796, 0.3734,
0.4852


 4.8666, 0.3832,
0.6168

 50.4607, 0.3691,
0.4684

 2.1692, 0.3496,
0.6504

 68.6918, 0.3651,
0.4547

 0.7031, 0.1014,
0.8986


 90.8571, 0.3615,
0.4433


 0.0000, 0.0000,
0.0000

 117.3412, 0.3583,
0.4338

 148.5284, 0.3554,


0.4257

 184.8031, 0.3528,
0.4187


 15.5296, 0.3814,
0.5321

 15.5296, 0.3814,
0.5321


 15.4750, 0.3813,
0.5355

 15.7016, 0.3815,
0.5218

 15.8952, 0.3796,
0.5078

 16.1165, 0.3753,
0.4898

 16.3677, 0.3689,
0.4685

 16.6510, 0.3608,
0.4449

■ 16.9684, 0.3514,
0.4198

■ 17.3215, 0.3411,
0.3942

■ 17.7120, 0.3305,
0.3689

■ 18.1415, 0.3198,
0.3446

Harmonies

Analogous

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



15.5296, 0.4707, 0.4720



15.5296, 0.3814, 0.5321



15.5296, 0.2810, 0.5201

Triad

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



15.5296, 0.3814, 0.5321



15.5296, 0.1351, 0.2070



15.5296, 0.4291, 0.2564

Complementary

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



15.5296, 0.3814, 0.5321



1.6942, 0.1686, 0.0731

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.



15.5296, 0.3126, 0.2045



15.5296, 0.3814, 0.5321



15.5296, 0.1582, 0.1748

Square

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



15.5296, 0.3814, 0.5321



15.5296, 0.1452, 0.2851



15.5296, 0.2164, 0.1759



15.5296, 0.5137, 0.3225

Rectangle

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



15.5296, 0.3814, 0.5321



15.5296, 0.2198, 0.4543



15.5296, 0.2164, 0.1759



15.5296, 0.3908, 0.2370

Sweetspot

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



15.5303, 0.3814, 0.5321



30.8127, 0.3443, 0.4021



4.8047, 0.5981, 0.3562



7.2499, 0.3479, 0.4110



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.5303, 0.3814, 0.5321



27.6449, 0.3803, 0.5362



13.5894, 0.3161, 0.5831



4.2265, 0.3223, 0.3502



16.4348, 0.3812, 0.5355



79.6942, 0.3791, 0.5372

Inverse Universe

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



1.6942, 0.1686, 0.0731



2.7458, 0.1631, 0.0672



3.4163, 0.2553, 0.1203



3.6262, 0.3027, 0.3073



1.6576, 0.1648, 0.0682



7.7522, 0.1608, 0.0660

Previews

White Background



This preview shows how the Yxy color 15.5296, 0.3814, 0.5321 looks on a white background.

Color Contrast Check

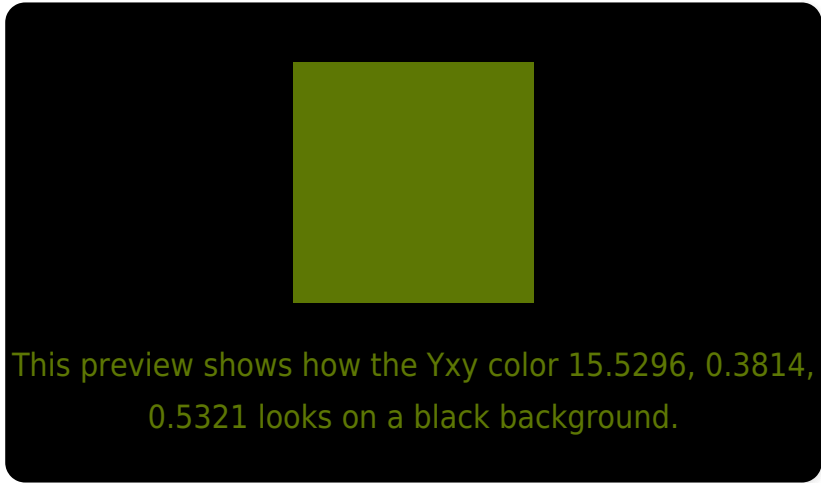
Large Text (above 18pt) WCAG AA ✓ Pass

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

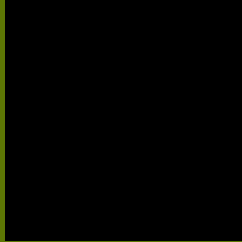
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5296, 0.3814, 0.5321

Background



This preview shows how black text looks on a background with the Yxy color 15.5296, 0.3814, 0.5321.



This preview shows how white text looks on a background with the Yxy color 15.5296, 0.3814, 0.5321.

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

15.5296, 0.3814, 0.5321

Protanopia

15.4369, 0.4399, 0.4889

Deuteranopia

15.3618, 0.4603, 0.4539



Tritanopia

15.5844, 0.2928, 0.3124

Trichromacy



Original Color

15.5296, 0.3814, 0.5321

Protanomaly

15.3232, 0.4190, 0.5047

Deuteranomaly

15.1093, 0.4333, 0.4821

Tritanomaly

15.2231, 0.3377, 0.4111

Monochromacy



Original Color

15.5296, 0.3814, 0.5321

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

13.1650, 0.3530, 0.4263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5296, 0.3814, 0.5321 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(93, 119, 4)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 4)  
}
```

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(93, 119, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 4) }
```

Border

The CSS property to change the border of an element to Yxy 15.5296, 0.3814, 0.5321 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(93, 119, 4) }
```

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

```
.border{ border-color:rgb(93, 119, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 4);  
box-shadow:4px 4px 4px 4px rgb(93, 119, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.5296, 0.3814, 0.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 4) }
```

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

```
.background{ background-color: rgb(93, 119,  
4) }
```

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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