

Converting Colors

$Y_{xy}(15.0588, 0.3569, 0.5406)$

Have a look what the booklet for
Yxy(15.0588, 0.3569, 0.5406)
contains.

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Color

Yxy(15.0901, 0.3564, 0.5405)

Conversions

Conversions Part 1

Format	Color
Hex	4E7810
RGB	78, 120, 16
RGB Percent	31%, 47%, 6%
CMY	0.6942, 0.5294, 0.9372
CMYK	0.35, 0.00, 0.87, 0.53
HSL	84°, 76%, 27%
HSV	84°, 87%, 47%
XYZ	9.9503, 15.0901, 2.8784
YIQ	95.5860, 8.3520, -41.2480

Conversions

Conversions Part 2

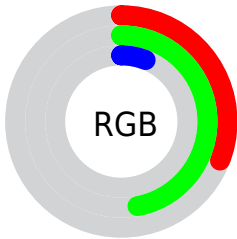
Format	Color
RYB	16, 120, 58
Decimal	5142544
CIELab	45.76, -30.54, 46.90
CIELCh	46, 55.969, 123.076
Yxy	15.0901, 0.3564, 0.5405
Android (android.graphics.Color)	4283332624 (0xFF4E7810)
YUV	95.5860, -39.2359, -15.4229
Hunter-Lab	38.8460, -22.2584, 22.7989

Details

The Yxy color **15.0901, 0.3564, 0.5405** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.6277, 0.2051, 0.1013**, and the grayscale version is **11.6861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1674, 0.3533, 0.4883**, and **4.7261, 0.3277, 0.5780** is the 20% darker color. If you saturate the color by 10%, you get **14.8648, 0.3537, 0.5537**, and if you desaturate by 10%, it is **15.3496, 0.3572, 0.5232**.

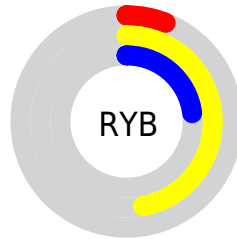
Distribution



Red (31%)

Green (47%)

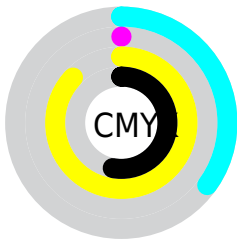
Blue (6%)



Red (6%)

Yellow (47%)

Blue (23%)

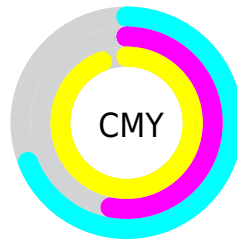


Cyan (35%)

Magenta (0%)

Yellow (87%)

Black (53%)



Cyan (69%)


Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0901, 0.3564, 0.5405 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 15.0901, 0.3564, 0.5405 by changing the saturation by 10% instead.


 15.0901, 0.3564,
0.5405


 15.0901, 0.3564,
0.5405


223.9109, 0.3395,
0.4123


 8.8826, 0.3538,
0.5789


 35.0112, 0.3536,
0.4884


 4.6647, 0.3524,
0.6476

 49.4936, 0.3513,
0.4704


 2.0519, 0.3083,
0.6917

 67.5031, 0.3489,
0.4559

 0.6374, 0.0000,
1.0000


 89.4241, 0.3467,
0.4440


 0.0000, 0.0000,
0.0000


 115.6410, 0.3446,
0.4340


 146.5381, 0.3427,


0.4257


 182.5000, 0.3410,
0.4185


 15.0901, 0.3564,
0.5405


 15.0901, 0.3564,
0.5405


 14.8648, 0.3537,
0.5537

 15.3496, 0.3572,
0.5232

 14.7935, 0.3528,
0.5581

 15.6468, 0.3558,
0.5018

 15.9852, 0.3523,
0.4771

 16.3670, 0.3472,
0.4506

 16.7946, 0.3408,
0.4231

■ 17.2700, 0.3336,
0.3959

■ 17.7949, 0.3259,
0.3696

■ 18.3713, 0.3180,
0.3446

■ 19.0006, 0.3101,
0.3215

Harmonies

Analogous

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



15.0901, 0.4513, 0.4913



15.0901, 0.3564, 0.5405



15.0901, 0.2560, 0.5021

Triad

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



15.0901, 0.3564, 0.5405



15.0901, 0.1366, 0.1941



15.0901, 0.4571, 0.2715

Complementary

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



15.0901, 0.3564, 0.5405



2.6277, 0.2051, 0.1013

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.



15.0901, 0.3417, 0.2147



15.0901, 0.3564, 0.5405



15.0901, 0.1682, 0.1711

Square

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



15.0901, 0.3564, 0.5405



15.0901, 0.1380, 0.2596



15.0901, 0.2363, 0.1795



15.0901, 0.5258, 0.3400

Rectangle

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



15.0901, 0.3564, 0.5405



15.0901, 0.1991, 0.4227



15.0901, 0.2363, 0.1795



15.0901, 0.4209, 0.2508

Sweetspot

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



15.0908, 0.3564, 0.5405



30.3730, 0.3336, 0.3958



7.0176, 0.5272, 0.3964



7.1412, 0.3356, 0.4033



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.



15.0908, 0.3564, 0.5405



25.9367, 0.3513, 0.5592



13.6972, 0.3058, 0.5780



4.5570, 0.3199, 0.3505



16.1283, 0.3526, 0.5583



76.4274, 0.3493, 0.5608

Inverse Universe

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



2.6277, 0.2051, 0.1013



3.4375, 0.1864, 0.0801



5.0168, 0.3000, 0.1512



3.9653, 0.3051, 0.3073



2.1703, 0.1884, 0.0811



9.8836, 0.1833, 0.0783

Previews

White Background



This preview shows how the Yxy color 15.0901, 0.3564, 0.5405 looks on a white background.

Color Contrast Check

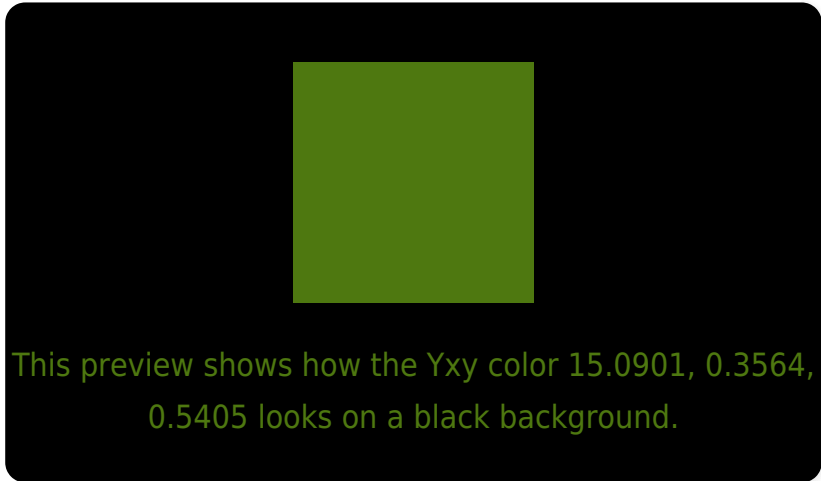
Large Text (above 18pt) WCAG AA ✓ Pass

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

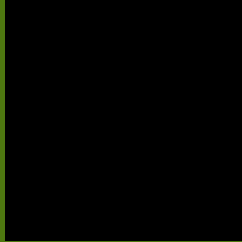
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0901, 0.3564, 0.5405

Background



This preview shows how black text looks on a background with the Yxy color 15.0901, 0.3564, 0.5405.



This preview shows how white text looks on a background with the Yxy color 15.0901, 0.3564, 0.5405.

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

15.0901, 0.3564, 0.5405

Protanopia

14.8892, 0.4360, 0.4825

Deuteranopia

14.8208, 0.4567, 0.4478



Tritanopia

15.1425, 0.2753, 0.3096

Trichromacy



Original Color

15.0901, 0.3564, 0.5405

Protanomaly

14.6816, 0.4061, 0.5048

Deuteranomaly

14.6481, 0.4182, 0.4823

Tritanomaly

14.8644, 0.3130, 0.4035

Monochromacy



Original Color

15.0901, 0.3564, 0.5405

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.6322, 0.3392, 0.4207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0901, 0.3564, 0.5405 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(78, 120, 16)` looks like.

```
.text, #text, p{  
    color:rgb(78, 120, 16)  
}
```

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(78, 120, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 120, 16) }
```

Border

The CSS property to change the border of an element to Yxy 15.0901, 0.3564, 0.5405 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(78, 120, 16) }
```

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

```
.border{ border-color:rgb(78, 120, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 120, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 120, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 120, 16);  
box-shadow:4px 4px 4px 4px rgb(78, 120,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0901, 0.3564, 0.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 120, 16) }
```

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

```
.background{ background-color: rgb(78, 120,  
16) }
```

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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