

Converting Colors

$Y_{xy}(15.3621, 0.3623, 0.4801)$

Have a look what the booklet for
Yxy(15.3621, 0.3623, 0.4801)
contains.

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Color

Yxy(15.3607, 0.3623, 0.4801)

Conversions

Conversions Part 1

Format	Color
Hex	5F752F
RGB	95, 117, 47
RGB Percent	37%, 46%, 18%
CMY	0.6275, 0.5411, 0.8157
CMYK	0.19, 0.00, 0.60, 0.54
HSL	79°, 43%, 32%
HSV	79°, 60%, 46%
XYZ	11.5917, 15.3607, 5.0424
YIQ	102.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

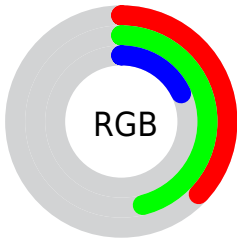
Format	Color
R_{YB}	47, 117, 69
Decimal	6255919
CIE _{Lab}	46.12, -19.82, 35.29
CIE _{LCh}	46, 40.475, 119.323
Yxy	15.3607, 0.3623, 0.4801
Android (android.graphics.Color)	4284445999 (0xFF5F752F)
YUV	102.4420, -27.3329, -6.5266
Hunter-Lab	39.1927, -15.7938, 19.8069

Details

The Yxy color **15.3607, 0.3623, 0.4801** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.5832, 0.2334, 0.1601**, and the grayscale version is **13.4793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4235, 0.3534, 0.4419**, and **4.8371, 0.3676, 0.5463** is the 20% darker color. If you saturate the color by 10%, you get **15.0868, 0.3666, 0.5021**, and if you desaturate by 10%, it is **15.6706, 0.3562, 0.4556**.

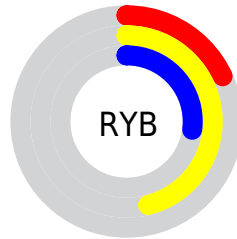
Distribution



 Red (37%)

 Green (46%)

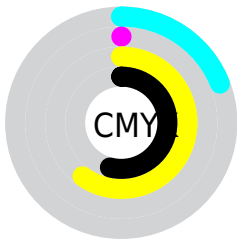
 Blue (18%)




 Red (18%)

 Yellow (46%)

 Blue (27%)

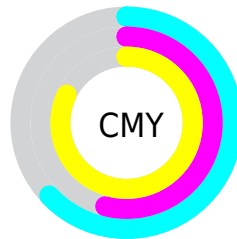


 Cyan (19%)

 Magenta (0%)

 Yellow (60%)

 Black (54%)



 Cyan (63%)


 Magenta (54%)

 Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3607, 0.3623, 0.4801 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 15.3607, 0.3623, 0.4801 by changing the saturation by 10% instead.


 15.3607, 0.3623,
0.4801


 15.3607, 0.3623,
0.4801


 225.5392, 0.3369,
0.3887


 9.0729, 0.3668,
0.5091


 35.4847, 0.3537,
0.4424


 4.7888, 0.3703,
0.5512

 50.0898, 0.3502,
0.4296

 2.1239, 0.3742,
0.6258

 68.2360, 0.3472,
0.4194

 0.6780, 0.1914,
0.8086

 90.3079, 0.3445,
0.4110

 0.0000, 0.0000,
0.0000

 116.6897, 0.3422,
0.4040

 147.7659, 0.3403,

0.3981

183.9210, 0.3385,
0.3931

■ 15.3607, 0.3623,
0.4801

■ 15.3607, 0.3623,
0.4801

■ 15.0868, 0.3666,
0.5021

■ 15.6706, 0.3562,
0.4556

■ 14.8447, 0.3687,
0.5207

■ 16.0165, 0.3487,
0.4296

■ 14.6324, 0.3685,
0.5350

■ 16.4008, 0.3402,
0.4032

■ 14.4413, 0.3669,
0.5467

■ 16.8252, 0.3311,
0.3772

■ 14.4383, 0.3669,
0.5469

■ 17.2912, 0.3218,
0.3522

■ 17.8003, 0.3126,
0.3286

■ 18.3538, 0.3036,
0.3067

■ 18.9532, 0.2951,
0.2866

■ 19.5996, 0.2870,
0.2682

Harmonies

Analogous

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



15.3607, 0.4309, 0.4509



15.3607, 0.3623, 0.4801



15.3607, 0.2847, 0.4548

Triad

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



15.3607, 0.3623, 0.4801



15.3607, 0.1746, 0.2336



15.3607, 0.4080, 0.2814

Complementary

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



15.3607, 0.3623, 0.4801



4.5832, 0.2334, 0.1601

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.



15.3607, 0.3250, 0.2370



15.3607, 0.3623, 0.4801



15.3607, 0.1972, 0.2086

Square

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



15.3607, 0.3623, 0.4801



15.3607, 0.1811, 0.2912



15.3607, 0.2486, 0.2111



15.3607, 0.4644, 0.3370

Rectangle

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



15.3607, 0.3623, 0.4801



15.3607, 0.2383, 0.4061



15.3607, 0.2486, 0.2111



15.3607, 0.3816, 0.2650

Sweetspot

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



15.3614, 0.3623, 0.4801



30.2343, 0.3298, 0.3737



8.1217, 0.4555, 0.3730



6.9081, 0.3320, 0.3797



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.3614, 0.3623, 0.4801



26.8307, 0.3677, 0.5101



13.9218, 0.3184, 0.5038



4.2113, 0.3210, 0.3503



15.8969, 0.3667, 0.5471



76.9963, 0.3639, 0.5493

Inverse Universe

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



4.5832, 0.2334, 0.1601



5.6149, 0.2109, 0.1220



6.2010, 0.2929, 0.1849



3.6406, 0.3039, 0.3074



1.8370, 0.1752, 0.0739



8.5427, 0.1704, 0.0712

Previews

White Background



This preview shows how the Yxy color 15.3607, 0.3623, 0.4801 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 15.3607, 0.3623, 0.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

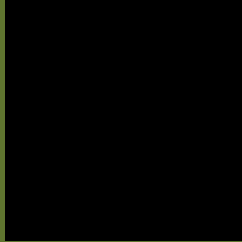
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3607, 0.3623, 0.4801

Background



This preview shows how black text looks on a background with the Yxy color 15.3607, 0.3623, 0.4801.



This preview shows how white text looks on a background with the Yxy color 15.3607, 0.3623, 0.4801.

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

15.3607, 0.3623, 0.4801

Protanopia

15.1917, 0.4102, 0.4507

Deuteranopia

15.2905, 0.4305, 0.4236



Tritanopia

15.4029, 0.2952, 0.3124

Trichromacy



Original Color

15.3607, 0.3623, 0.4801

Protanomaly

15.2303, 0.3925, 0.4610

Deuteranomaly

15.1606, 0.4036, 0.4437

Tritanomaly

15.3497, 0.3225, 0.3749

Monochromacy



Original Color

15.3607, 0.3623, 0.4801

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.7772, 0.3339, 0.3857

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3607, 0.3623, 0.4801 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(95, 117, 47)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 47)  
}
```

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(95, 117, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 47) }
```

Border

The CSS property to change the border of an element to Yxy 15.3607, 0.3623, 0.4801 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(95, 117, 47) }
```

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

```
.border{ border-color:rgb(95, 117, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 47);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3607, 0.3623, 0.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 47) }
```

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

```
.background{ background-color: rgb(95, 117,  
47) }
```

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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