

Converting Colors

$Y_{xy}(15.1423, 0.3939, 0.4665)$

Have a look what the booklet for
Yxy(15.1423, 0.3939, 0.4665)
contains.

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Color

Yxy(15.1423, 0.3939, 0.4665)

Conversions

Conversions Part 1

Format	Color
Hex	6F702B
RGB	111, 112, 43
RGB Percent	44%, 44%, 17%
CMY	0.5647, 0.5608, 0.8315
CMYK	0.01, 0.00, 0.62, 0.56
HSL	61°, 45%, 30%
HSV	61°, 62%, 44%
XYZ	12.7857, 15.1423, 4.5313
YIQ	103.8350, 21.5530, -21.6710

Conversions

Conversions Part 2

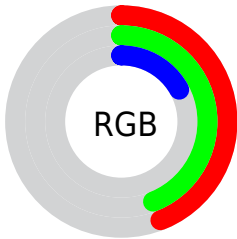
Format	Color
R_{YB}	43, 112, 44
Decimal	7303211
CIE Lab	45.83, -10.31, 37.29
CIE LCh	46, 38.691, 105.454
Yxy	15.1423, 0.3939, 0.4665
Android (android.graphics.Color)	4285493291 (0xFF6F702B)
YUV	103.8350, -29.9917, 6.2837
Hunter-Lab	38.9131, -9.4479, 20.3350

Details

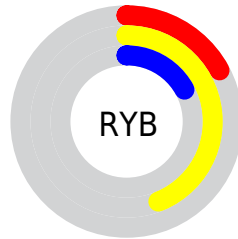
The Yxy color **15.1423, 0.3939, 0.4665** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.4303, 0.2011, 0.1430**, and the grayscale version is **13.8741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2161, 0.3765, 0.4345**, and **4.6589, 0.4121, 0.5110** is the 20% darker color. If you saturate the color by 10%, you get **15.0613, 0.4029, 0.4821**, and if you desaturate by 10%, it is **15.2473, 0.3829, 0.4477**.

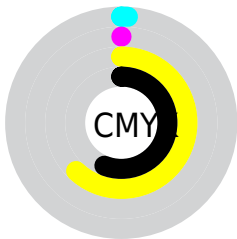
Distribution



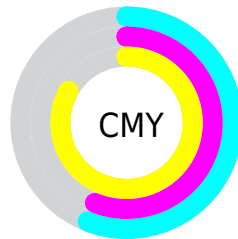
- Red (44%)
- Green (44%)
- Blue (17%)



- Red (17%)
- Yellow (44%)
- Blue (17%)



- Cyan (1%)
- Magenta (0%)
- Yellow (62%)
- Black (56%)





- Cyan (56%)
- Magenta (56%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1423, 0.3939, 0.4665 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 15.1423, 0.3939, 0.4665 by changing the saturation by 10% instead.


 15.1423, 0.3939,
0.4665


 15.1423, 0.3939,
0.4665


 224.2259, 0.3495,
0.3857


 8.9193, 0.4043,
0.4901


 35.1026, 0.3776,
0.4342


 4.6886, 0.4183,
0.5251

 49.6088, 0.3714,
0.4229

 2.0657, 0.4292,
0.5708

 67.6447, 0.3662,
0.4137

 0.6452, 0.3591,
0.6409

 89.5949, 0.3618,
0.4062

 0.0000, 0.0000,
0.0000

 115.8437, 0.3580,
0.3998

 146.7756, 0.3548,

0.3944

182.7748, 0.3520,
0.3897

■ 15.1423, 0.3939,
0.4665

■ 15.1423, 0.3939,
0.4665

■ 15.0613, 0.4029,
0.4821

■ 15.2473, 0.3829,
0.4477

■ 15.0004, 0.4097,
0.4939

■ 15.3758, 0.3705,
0.4265

■ 14.9579, 0.4141,
0.5019

■ 15.5302, 0.3570,
0.4036

■ 14.9286, 0.4169,
0.5072

■ 15.7118, 0.3429,
0.3798

■ 15.9219, 0.3288,
0.3560

■ 16.1618, 0.3149,
0.3327

■ 16.4325, 0.3016,
0.3104

■ 16.7352, 0.2891,
0.2893

■ 17.0709, 0.2773,
0.2697

Harmonies

Analogous

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



15.1423, 0.4493, 0.4245



15.1423, 0.3939, 0.4665



15.1423, 0.3207, 0.4682

Triad

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



15.1423, 0.3939, 0.4665



15.1423, 0.1784, 0.2591



15.1423, 0.3687, 0.2615

Complementary

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



15.1423, 0.3939, 0.4665



3.4303, 0.2011, 0.1430

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.



15.1423, 0.2885, 0.2259



15.1423, 0.3939, 0.4665



15.1423, 0.1874, 0.2204

Square

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



15.1423, 0.3939, 0.4665



15.1423, 0.1988, 0.3288



15.1423, 0.2246, 0.2108



15.1423, 0.4385, 0.3115

Rectangle

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



15.1423, 0.3939, 0.4665



15.1423, 0.2716, 0.4370



15.1423, 0.2246, 0.2108



15.1423, 0.3415, 0.2476

Sweetspot

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



15.1430, 0.3939, 0.4665



27.7115, 0.3384, 0.3723



5.3447, 0.4921, 0.3295



6.6377, 0.3417, 0.3779



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



15.1430, 0.3939, 0.4665



26.4073, 0.4061, 0.4876



13.3613, 0.3448, 0.4937



3.9139, 0.3251, 0.3498



17.2566, 0.4169, 0.5072



85.9281, 0.4168, 0.5073

Inverse Universe

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



3.4303, 0.2011, 0.1430



3.8662, 0.1763, 0.1021



4.4936, 0.2531, 0.1651



3.3026, 0.2998, 0.3073



1.3636, 0.1508, 0.0604



6.7601, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 15.1423, 0.3939, 0.4665 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 15.1423, 0.3939, 0.4665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

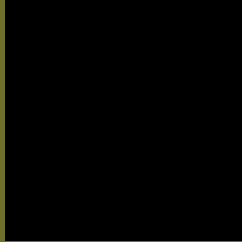
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1423, 0.3939, 0.4665

Background



This preview shows how black text looks on a background with the Yxy color 15.1423, 0.3939, 0.4665.



This preview shows how white text looks on a background with the Yxy color 15.1423, 0.3939, 0.4665.

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

15.1423, 0.3939, 0.4665

Protanopia

15.1694, 0.4131, 0.4551

Deuteranopia

15.0486, 0.4373, 0.4292



Tritanopia

15.1470, 0.3205, 0.3131

Trichromacy



Original Color

15.1423, 0.3939, 0.4665

Protanomaly

15.1009, 0.4060, 0.4599

Deuteranomaly

14.9331, 0.4213, 0.4421

Tritanomaly

15.0745, 0.3491, 0.3707

Monochromacy



Original Color

15.1423, 0.3939, 0.4665

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.2504, 0.3457, 0.3836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1423, 0.3939, 0.4665 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(111, 112, 43)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 43)  
}
```

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(111, 112, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 43) }
```

Border

The CSS property to change the border of an element to Yxy 15.1423, 0.3939, 0.4665 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(111, 112, 43) }
```

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

```
.border{ border-color:rgb(111, 112, 43) }
```

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

Here you see how a box with a 4 pixel rgb(111, 112, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 43);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1423, 0.3939, 0.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 43) }
```

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

```
.background{ background-color: rgb(111,  
112, 43) }
```

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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