

Converting Colors

$Y_{xy}(15.1409, 0.3444, 0.4039)$

Have a look what the booklet for
Yxy(15.1409, 0.3444, 0.4039)
contains.

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Color

$Yxy(15.0815, 0.3443, 0.4033)$

Conversions

Conversions Part 1

Format	Color
Hex	68704E
RGB	104, 112, 78
RGB Percent	41%, 44%, 31%
CMY	0.5923, 0.5607, 0.6941
CMYK	0.07, 0.00, 0.30, 0.56
HSL	74°, 18%, 37%
HSV	74°, 30%, 44%
XYZ	12.8752, 15.0815, 9.4386
YIQ	105.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

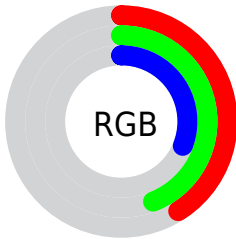
Format	Color
R_{YB}	78, 112, 86
Decimal	6844494
CIE _{Lab}	45.75, -9.36, 17.94
CIE _{LCh}	46, 20.237, 117.539
Yxy	15.0815, 0.3443, 0.4033
Android (android.graphics.Color)	4285034574 (0xFF68704E)
YUV	105.7320, -13.6719, -1.5190
Hunter-Lab	38.8349, -8.7819, 12.7744

Details

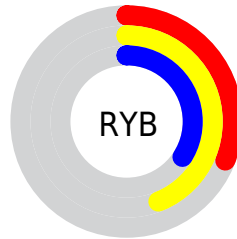
The Yxy color **15.0815, 0.3443, 0.4033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.5981, 0.2744, 0.2486**, and the grayscale version is **14.3716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1511, 0.3379, 0.3854**, and **4.6174, 0.3564, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **14.7790, 0.3541, 0.4287**, and if you desaturate by 10%, it is **15.4177, 0.3340, 0.3779**.

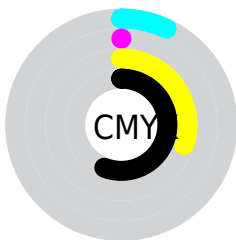
Distribution



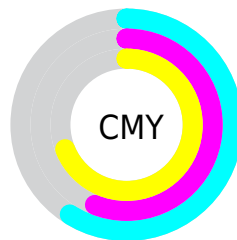
- Red (41%)
- Green (44%)
- Blue (31%)



- Red (31%)
- Yellow (44%)
- Blue (34%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (56%)





- Cyan (59%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0815, 0.3443, 0.4033 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 15.0815, 0.3443, 0.4033 by changing the saturation by 10% instead.


 15.0815, 0.3443,
0.4033


 15.0815, 0.3443,
0.4033


223.8590, 0.3262,
0.3584


 8.8766, 0.3496,
0.4182


 34.9961, 0.3372,
0.3846

 4.6608, 0.3567,
0.4405

 49.4746, 0.3347,
0.3783

 2.0496, 0.3690,
0.4802

 67.4797, 0.3326,
0.3733

 0.6361, 0.3716,
0.6284

 89.3959, 0.3309,
0.3692

 0.0000, 0.0000,
0.0000

 115.6075, 0.3295,
0.3659

146.4990, 0.3282,

0.3630

182.4547, 0.3272,
0.3605

■ 15.0815, 0.3443,
0.4033

■ 15.0815, 0.3443,
0.4033

■ 14.7790, 0.3541,
0.4287

■ 15.4177, 0.3340,
0.3779

■ 14.5067, 0.3629,
0.4534

■ 15.7869, 0.3235,
0.3533

■ 14.2638, 0.3702,
0.4764


■ 16.1911, 0.3131,
0.3298


■ 14.0486, 0.3757,
0.4968

■ 16.6314, 0.3030,
0.3079


■ 13.8591, 0.3791,
0.5137

■ 17.1089, 0.2935,
0.2875

 13.6931, 0.3801,
0.5264

 17.6248, 0.2844,
0.2688

 13.5470, 0.3798,
0.5366

 18.1799, 0.2760,
0.2518

 18.7754, 0.2682,
0.2364

 19.4122, 0.2610,
0.2224

Harmonies

Analogous

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



15.0815, 0.3781, 0.3939



15.0815, 0.3443, 0.4033



15.0815, 0.3034, 0.3895

Triad

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



15.0815, 0.3443, 0.4033



15.0815, 0.2369, 0.2825



15.0815, 0.3588, 0.3031

Complementary

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



15.0815, 0.3443, 0.4033



8.5981, 0.2744, 0.2486

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.



15.0815, 0.3179, 0.2776



15.0815, 0.3443, 0.4033



15.0815, 0.2493, 0.2649

Square

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



15.0815, 0.3443, 0.4033



15.0815, 0.2430, 0.3152



15.0815, 0.2780, 0.2637



15.0815, 0.3876, 0.3353

Rectangle

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



15.0815, 0.3443, 0.4033



15.0815, 0.2778, 0.3684



15.0815, 0.2780, 0.2637



15.0815, 0.3459, 0.2935

Sweetspot

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



15.0822, 0.3443, 0.4033



27.8047, 0.3223, 0.3506



10.6400, 0.3709, 0.3468



6.6608, 0.3235, 0.3534



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.



15.0822, 0.3443, 0.4033



26.1332, 0.3508, 0.4201



14.1704, 0.3207, 0.4092



3.8784, 0.3220, 0.3500



15.6469, 0.3796, 0.5368



77.5361, 0.3773, 0.5386

Inverse Universe

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



8.5981, 0.2744, 0.2486



12.9155, 0.2643, 0.2287



9.4979, 0.3012, 0.2546



3.3350, 0.3029, 0.3075



1.6042, 0.1661, 0.0688



7.6515, 0.1618, 0.0665

Previews

White Background



This preview shows how the Yxy color 15.0815, 0.3443, 0.4033 looks on a white background.

Color Contrast Check

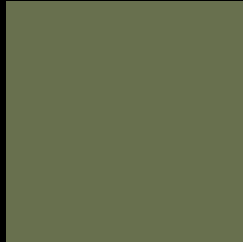
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0815, 0.3443, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

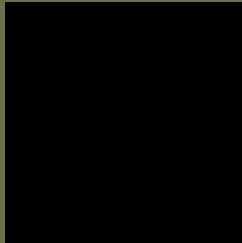
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

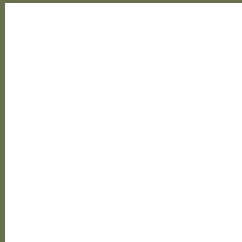
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.0815, 0.3443, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 15.0815, 0.3443, 0.4033.



This preview shows how white text looks on a background with the Yxy color 15.0815, 0.3443, 0.4033.

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

15.0815, 0.3443, 0.4033

Protanopia

15.0288, 0.3682, 0.3952

Deuteranopia

15.0690, 0.3819, 0.3762



Tritanopia

15.0276, 0.3041, 0.3105

Trichromacy



Original Color

15.0815, 0.3443, 0.4033

Protanomaly

14.9178, 0.3588, 0.3968

Deuteranomaly

15.0018, 0.3678, 0.3865

Tritanomaly

15.0224, 0.3189, 0.3439

Monochromacy



Original Color

15.0815, 0.3443, 0.4033

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.5729, 0.3240, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0815, 0.3443, 0.4033 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(104, 112, 78)` looks like.

```
.text, #text, p{  
    color:rgb(104, 112, 78)  
}
```

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(104, 112, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 112, 78) }
```

Border

The CSS property to change the border of an element to Yxy 15.0815, 0.3443, 0.4033 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(104, 112, 78) }
```

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

```
.border{ border-color:rgb(104, 112, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 112, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 112, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 112, 78);  
box-shadow:4px 4px 4px 4px rgb(104, 112,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0815, 0.3443, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 112, 78) }
```

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

```
.background{ background-color: rgb(104,  
112, 78) }
```

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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