

Converting Colors

$Y_{xy}(11.5940, 0.3495, 0.2864)$

Have a look what the booklet for
Yxy(11.5940, 0.3495, 0.2864)
contains.

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Color

Yxy(11.5664, 0.3480, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	7D5369
RGB	125, 83, 105
RGB Percent	49%, 33%, 41%
CMY	0.5097, 0.6745, 0.5882
CMYK	0.00, 0.34, 0.16, 0.51
HSL	329°, 20%, 41%
HSV	329°, 34%, 49%
XYZ	14.1034, 11.5664, 14.8572
YIQ	98.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

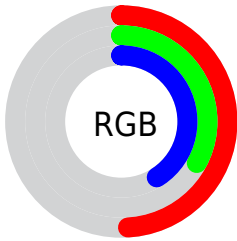
Format	Color
R_{YB}	125, 83, 105
Decimal	8213353
CIE _{Lab}	40.52, 21.09, -5.52
CIE _{LCh}	41, 21.803, 345.337
Y _{xy}	11.5664, 0.3480, 0.2854
Android (android.graphics.Color)	4286403433 (0xFF7D5369)
YUV	98.0660, 3.4185, 23.6211
Hunter-Lab	34.0094, 14.5058, -2.0946

Details

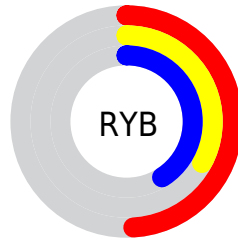
The Yxy color **11.5664, 0.3480, 0.2854** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4907, 0.2881, 0.3774**, and the grayscale version is **12.2198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6403, 0.3389, 0.2964**, and **3.1245, 0.3658, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **9.7054, 0.3628, 0.2722**, and if you desaturate by 10%, it is **13.7821, 0.3353, 0.2988**.

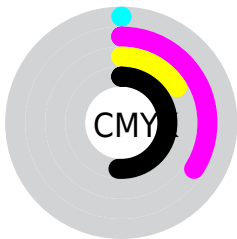
Distribution



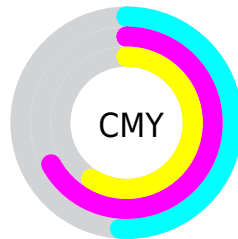
- Red (49%)
- Green (33%)
- Blue (41%)



- Red (49%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (51%)





- Cyan (51%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5664, 0.3480, 0.2854 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 11.5664, 0.3480, 0.2854 by changing the saturation by 10% instead.


 11.5664, 0.3480,
0.2854


 11.5664, 0.3480,
0.2854


201.5132, 0.3267,
0.3115

 6.4492, 0.3552,
0.2768


 28.7029, 0.3391,
0.2962


 3.1201, 0.3660,
0.2641

 41.4909, 0.3361,
0.2998

 1.1947, 0.3841,
0.2432

 57.6047, 0.3338,
0.3027

 0.0574, 0.5296,
0.0534

 77.4286, 0.3318,
0.3051

 0.0000, 0.0000,
0.0000

 101.3470, 0.3302,
0.3071

129.7443, 0.3289,

0.3088

163.0049, 0.3277,
0.3102

■ 11.5664, 0.3480,
0.2854

■ 11.5664, 0.3480,
0.2854

■ 9.7054, 0.3628,
0.2722

■ 13.7821, 0.3353,
0.2988

■ 8.1786, 0.3799,
0.2599

■ 16.3681, 0.3246,
0.3120

■ 6.9663, 0.3992,
0.2495


■ 19.3413, 0.3156,
0.3246


■ 6.0455, 0.4202,
0.2420


■ 22.7168, 0.3081,
0.3365

■ 5.3905, 0.4423,
0.2385


■ 26.5090, 0.3018,
0.3476


 4.9683, 0.4646,
0.2397

 30.7316, 0.2966,
0.3578

 4.7492, 0.4792,
0.2414

 35.3977, 0.2923,
0.3672

 40.5197, 0.2887,
0.3759

 46.1097, 0.2856,
0.3839

Harmonies

Analogous

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



11.5664, 0.2985, 0.2610



11.5664, 0.3480, 0.2854



11.5664, 0.3899, 0.3200

Triad

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



11.5664, 0.3480, 0.2854



11.5664, 0.3671, 0.4150



11.5664, 0.2249, 0.2875

Complementary

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



11.5664, 0.3480, 0.2854



17.4907, 0.2881, 0.3774

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.



11.5664, 0.2402, 0.3313



11.5664, 0.3480, 0.2854



11.5664, 0.3208, 0.4112

Square

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



11.5664, 0.3480, 0.2854



11.5664, 0.4002, 0.3936



11.5664, 0.2745, 0.3790



11.5664, 0.2306, 0.2599

Rectangle

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



11.5664, 0.3480, 0.2854



11.5664, 0.4059, 0.3457



11.5664, 0.2745, 0.3790



11.5664, 0.2277, 0.3007

Sweetspot

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



11.5669, 0.3480, 0.2854



31.0189, 0.3214, 0.3163



10.5266, 0.2827, 0.2411



6.9209, 0.3224, 0.3149



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.5669, 0.3480, 0.2854



18.1974, 0.3587, 0.2757



11.1930, 0.3840, 0.3264



4.3790, 0.3203, 0.3178



4.9534, 0.4796, 0.2416



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.5669, 0.3480, 0.2854



18.1974, 0.3587, 0.2757



17.9571, 0.2682, 0.3318



4.3790, 0.3203, 0.3178



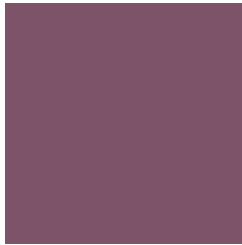
4.9534, 0.4796, 0.2416



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.5664, 0.3480, 0.2854 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 11.5664, 0.3480, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

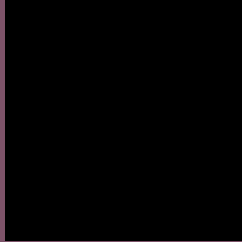
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5664, 0.3480, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 11.5664, 0.3480, 0.2854.



This preview shows how white text looks on a background with the Yxy color 11.5664, 0.3480, 0.2854.

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

11.5664, 0.3480, 0.2854

Protanopia

11.6520, 0.2843, 0.2884

Deuteranopia

11.6328, 0.3122, 0.3067



Tritanopia

11.5548, 0.3677, 0.3149

Trichromacy



Original Color

11.5664, 0.3480, 0.2854

Protanomaly

11.5510, 0.3055, 0.2877

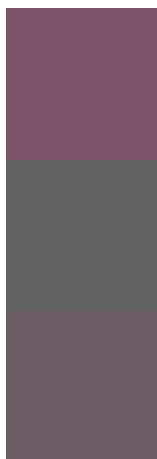
Deuteranomaly

11.4592, 0.3238, 0.2968

Tritanomaly

11.4888, 0.3595, 0.3028

Monochromacy



Original Color

11.5664, 0.3480, 0.2854

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9564, 0.3244, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5664, 0.3480, 0.2854 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(125, 83, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 83, 105)  
}
```

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(125, 83, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 83, 105) }
```

Border

The CSS property to change the border of an element to Yxy 11.5664, 0.3480, 0.2854 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(125, 83, 105) }
```

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

```
.border{ border-color:rgb(125, 83, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 83, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 83, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 83, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 83,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5664, 0.3480, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 83, 105) }
```

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

```
.background{ background-color: rgb(125, 83,  
105) }
```

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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