

Converting Colors

$Y_{xy}(11.4155, 0.3379, 0.2871)$

Have a look what the booklet for
Yxy(11.4155, 0.3379, 0.2871)
contains.

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Color

Yxy(11.4389, 0.3376, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	775569
RGB	119, 85, 105
RGB Percent	47%, 33%, 41%
CMY	0.5334, 0.6666, 0.5883
CMYK	0.00, 0.29, 0.12, 0.53
HSL	325°, 17%, 40%
HSV	325°, 29%, 47%
XYZ	13.4043, 11.4389, 14.8614
YIQ	97.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

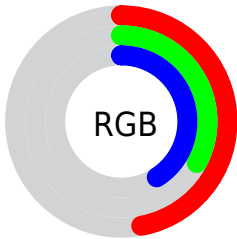
Format	Color
R_{YB}	119, 85, 105
Decimal	7820649
CIE _{Lab}	40.31, 17.54, -5.89
CIE _{LCh}	40, 18.505, 341.445
Yxy	11.4389, 0.3376, 0.2881
Android (android.graphics.Color)	4286010729 (0xFF775569)
YUV	97.4460, 3.7241, 18.9029
Hunter-Lab	33.8214, 11.5565, -2.3775

Details

The Yxy color **11.4389, 0.3376, 0.2881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0242, 0.2939, 0.3739**, and the grayscale version is **12.0578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4989, 0.3318, 0.2985**, and **3.0586, 0.3505, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **9.6226, 0.3494, 0.2733**, and if you desaturate by 10%, it is **13.5772, 0.3275, 0.3029**.

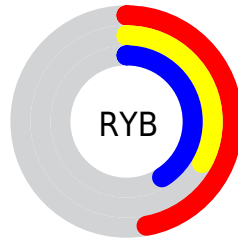
Distribution



Red (47%)

Green (33%)

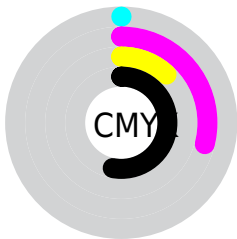
Blue (41%)



Red (47%)

Yellow (33%)

Blue (41%)

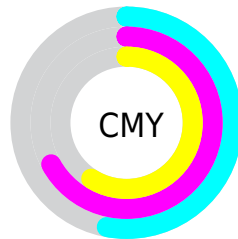


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (53%)



Cyan (53%)


Magenta (67%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4389, 0.3376, 0.2881 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 11.4389, 0.3376, 0.2881 by changing the saturation by 10% instead.


 11.4389, 0.3376,
0.2881


 11.4389, 0.3376,
0.2881


200.6544, 0.3226,
0.3126


 6.3629, 0.3426,
0.2800


 28.4690, 0.3313,
0.2983


 3.0670, 0.3502,
0.2679

 41.1918, 0.3293,
0.3017

 1.1668, 0.3628,
0.2479

 57.2323, 0.3276,
0.3044

 0.0343, 0.4881,
0.0364

 76.9749, 0.3262,
0.3067

 0.0000, 0.0000,
0.0000

 100.8041, 0.3251,
0.3085

129.1041, 0.3241,

0.3101

162.2594, 0.3233,
0.3114

■ 11.4389, 0.3376,
0.2881

■ 11.4389, 0.3376,
0.2881

■ 9.6226, 0.3494,
0.2733

■ 13.5772, 0.3275,
0.3029

■ 8.1108, 0.3629,
0.2591

■ 16.0507, 0.3190,
0.3173

■ 6.8869, 0.3781,
0.2463


■ 18.8736, 0.3118,
0.3309

■ 5.9320, 0.3949,
0.2358


■ 22.0592, 0.3057,
0.3438


■ 5.2247, 0.4128,
0.2287


■ 25.6196, 0.3006,
0.3557


 4.7407, 0.4312,
0.2259


 29.5668, 0.2964,
0.3668

 4.4090, 0.4499,
0.2267

 33.9119, 0.2929,
0.3769

 4.3627, 0.4527,
0.2267

 38.6658, 0.2899,
0.3863

 43.8389, 0.2875,
0.3949

Harmonies

Analogous

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



11.4389, 0.2956, 0.2683



11.4389, 0.3376, 0.2881



11.4389, 0.3746, 0.3175

Triad

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



11.4389, 0.3376, 0.2881



11.4389, 0.3641, 0.4010



11.4389, 0.2377, 0.2984

Complementary

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



11.4389, 0.3376, 0.2881



16.0242, 0.2939, 0.3739

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.



11.4389, 0.2535, 0.3367



11.4389, 0.3376, 0.2881



11.4389, 0.3256, 0.4001

Square

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



11.4389, 0.3376, 0.2881



11.4389, 0.3898, 0.3817



11.4389, 0.2852, 0.3757



11.4389, 0.2403, 0.2721

Rectangle

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



11.4389, 0.3376, 0.2881



11.4389, 0.3901, 0.3397



11.4389, 0.2852, 0.3757



11.4389, 0.2410, 0.3102

Sweetspot

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



11.4394, 0.3376, 0.2881



28.4305, 0.3195, 0.3163



10.4606, 0.2849, 0.2552



6.6036, 0.3205, 0.3146



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.



11.4394, 0.3376, 0.2881



18.3710, 0.3448, 0.2787



11.1312, 0.3655, 0.3220



3.7336, 0.3193, 0.3166



4.6340, 0.4532, 0.2270



22.4087, 0.4622, 0.2320

Inverse Universe

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



11.4394, 0.3376, 0.2881



18.3710, 0.3448, 0.2787



16.3745, 0.2766, 0.3363



3.7336, 0.3193, 0.3166



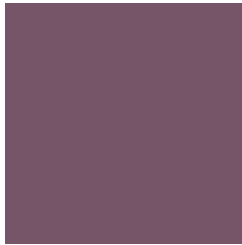
4.6340, 0.4532, 0.2270



22.4087, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 11.4389, 0.3376, 0.2881 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 11.4389, 0.3376, 0.2881 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 11.4389, 0.3376, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 11.4389, 0.3376, 0.2881.



This preview shows how white text looks on a background with the Yxy color 11.4389, 0.3376, 0.2881.

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

11.4389, 0.3376, 0.2881

Protanopia

11.4284, 0.2867, 0.2903

Deuteranopia

11.5949, 0.3093, 0.3044



Tritanopia

11.4761, 0.3534, 0.3144

Trichromacy



Original Color

11.4389, 0.3376, 0.2881

Protanomaly

11.4111, 0.3038, 0.2894

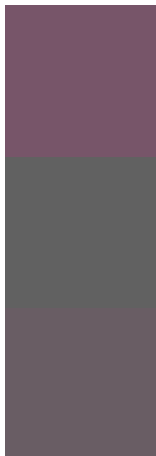
Deuteranomaly

11.5000, 0.3205, 0.2987

Tritanomaly

11.3890, 0.3471, 0.3040

Monochromacy



Original Color

11.4389, 0.3376, 0.2881

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7521, 0.3212, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4389, 0.3376, 0.2881 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(119, 85, 105)` looks like.

```
.text, #text, p{  
    color:rgb(119, 85, 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(119, 85, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 85, 105) }
```

Border

The CSS property to change the border of an element to Yxy 11.4389, 0.3376, 0.2881 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(119, 85, 105) }
```

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

```
.border{ border-color:rgb(119, 85, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 85, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 85, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 85, 105);  
box-shadow:4px 4px 4px 4px rgb(119, 85,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4389, 0.3376, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 85, 105) }
```

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

```
.background{ background-color: rgb(119, 85,  
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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