

Converting Colors

$Y_{xy}(11.1386, 0.3422, 0.2870)$

Have a look what the booklet for
Yxy(11.1386, 0.3422, 0.2870)
contains.

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Color

Yxy(11.1589, 0.3431, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	785367
RGB	120, 83, 103
RGB Percent	47%, 33%, 40%
CMY	0.5293, 0.6745, 0.5961
CMYK	0.00, 0.31, 0.14, 0.53
HSL	328°, 18%, 40%
HSV	328°, 31%, 47%
XYZ	13.2892, 11.1589, 14.2846
YIQ	96.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

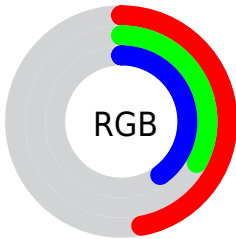
Format	Color
R_{YB}	120, 83, 103
Decimal	7885671
CIE _{Lab}	39.85, 18.79, -5.34
CIE _{LCh}	40, 19.536, 344.145
Yxy	11.1589, 0.3431, 0.2881
Android (android.graphics.Color)	4286075751 (0xFF785367)
YUV	96.3430, 3.2819, 20.7472
Hunter-Lab	33.4049, 12.5525, -1.9702

Details

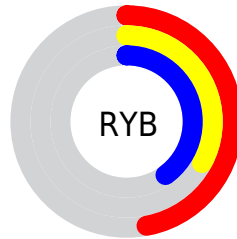
The Yxy color **11.1589, 0.3431, 0.2881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1972, 0.2906, 0.3740**, and the grayscale version is **11.7744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9924, 0.3355, 0.2985**, and **2.9483, 0.3605, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **9.3721, 0.3567, 0.2745**, and if you desaturate by 10%, it is **13.2720, 0.3315, 0.3018**.

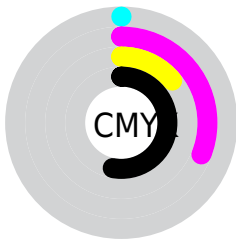
Distribution



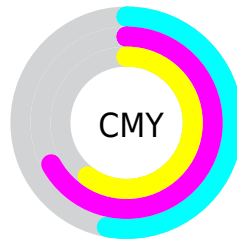
- Red (47%)
- Green (33%)
- Blue (40%)



- Red (47%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (53%)





- Cyan (53%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1589, 0.3431, 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 11.1589, 0.3431, 0.2881 by changing the saturation by 10% instead.


 11.1589, 0.3431,
0.2881


 11.1589, 0.3431,
0.2881


198.7545, 0.3247,
0.3127


 6.1738, 0.3494,
0.2799


 27.9536, 0.3354,
0.2984


 2.9511, 0.3589,
0.2676

 40.5321, 0.3328,
0.3018

 1.1062, 0.3750,
0.2472

 56.4104, 0.3308,
0.3045

 0.0000, 0.5552,
0.0000

 75.9730, 0.3291,
0.3067

 0.0000, 0.0000,
0.0000

 99.6044, 0.3277,
0.3086

127.6888, 0.3265,

0.3102

160.6107, 0.3255,
0.3115

■ 11.1589, 0.3431,
0.2881

■ 11.1589, 0.3431,
0.2881

■ 9.3721, 0.3567,
0.2745

■ 13.2720, 0.3315,
0.3018

■ 7.8935, 0.3725,
0.2615

■ 15.7253, 0.3216,
0.3152

■ 6.7057, 0.3903,
0.2501


■ 18.5335, 0.3134,
0.3280


■ 5.7888, 0.4098,
0.2413


■ 21.7103, 0.3064,
0.3399


■ 5.1203, 0.4307,
0.2361

■ 25.2684, 0.3007,
0.3511


 4.6743, 0.4519,
0.2355

 29.2201, 0.2959,
0.3614

 4.3744, 0.4718,
0.2373

 33.5770, 0.2919,
0.3709

 38.3502, 0.2885,
0.3796

 43.5506, 0.2857,
0.3876

Harmonies

Analogous

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



11.1589, 0.2983, 0.2661



11.1589, 0.3431, 0.2881



11.1589, 0.3814, 0.3197

Triad

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



11.1589, 0.3431, 0.2881



11.1589, 0.3639, 0.4066



11.1589, 0.2326, 0.2930

Complementary

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



11.1589, 0.3431, 0.2881



16.1972, 0.2906, 0.3740

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.



11.1589, 0.2476, 0.3331



11.1589, 0.3431, 0.2881



11.1589, 0.3222, 0.4037

Square

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



11.1589, 0.3431, 0.2881



11.1589, 0.3930, 0.3872



11.1589, 0.2797, 0.3756



11.1589, 0.2371, 0.2668

Rectangle

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



11.1589, 0.3431, 0.2881



11.1589, 0.3966, 0.3433



11.1589, 0.2797, 0.3756



11.1589, 0.2355, 0.3052

Sweetspot

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



11.1594, 0.3431, 0.2881



28.4092, 0.3202, 0.3173



10.2319, 0.2849, 0.2491



6.5979, 0.3212, 0.3157



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.



11.1594, 0.3431, 0.2881



17.3452, 0.3525, 0.2784



10.8336, 0.3746, 0.3253



4.0479, 0.3200, 0.3175



4.7675, 0.4726, 0.2377



22.5681, 0.4826, 0.2432

Inverse Universe

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



11.1594, 0.3431, 0.2881



17.3452, 0.3525, 0.2784



16.5888, 0.2722, 0.3329



4.0479, 0.3200, 0.3175



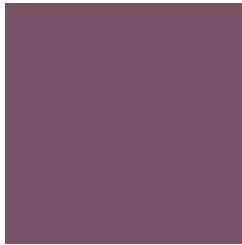
4.7675, 0.4726, 0.2377



22.5681, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 11.1589, 0.3431, 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 11.1589, 0.3431, 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 11.1589, 0.3431, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 11.1589, 0.3431, 0.2881.



This preview shows how white text looks on a background with the Yxy color 11.1589, 0.3431, 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

11.1589, 0.3431, 0.2881

Protanopia

11.1786, 0.2865, 0.2900

Deuteranopia

11.1311, 0.3122, 0.3063



Tritanopia

11.1916, 0.3593, 0.3145

Trichromacy



Original Color

11.1589, 0.3431, 0.2881

Protanomaly

11.0311, 0.3068, 0.2891

Deuteranomaly

11.0646, 0.3222, 0.2983

Tritanomaly

11.1071, 0.3529, 0.3041

Monochromacy



Original Color

11.1589, 0.3431, 0.2881

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3863, 0.3231, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1589, 0.3431, 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(120, 83, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 83, 103)  
}
```

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(120, 83, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 83, 103) }
```

Border

The CSS property to change the border of an element to Yxy 11.1589, 0.3431, 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(120, 83, 103) }
```

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

```
.border{ border-color:rgb(120, 83, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 83, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 83, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 83, 103); box-shadow:4px 4px 4px 4px rgb(120, 83, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1589, 0.3431, 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(120, 83, 103) }
```

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

```
.background{ background-color: rgb(120, 83,  
103) }
```

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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