

Converting Colors

$Y_{xy}(11.8788, 0.3446, 0.2920)$

Have a look what the booklet for
Yxy(11.8788, 0.3446, 0.2920)
contains.

Yxy(11.8660, 0.3455, 0.2929)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.8660, 0.3455, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	7B5668
RGB	123, 86, 104
RGB Percent	48%, 34%, 41%
CMY	0.5176, 0.6628, 0.5922
CMYK	0.00, 0.30, 0.15, 0.52
HSL	331°, 18%, 41%
HSV	331°, 30%, 48%
XYZ	13.9969, 11.8660, 14.6492
YIQ	99.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

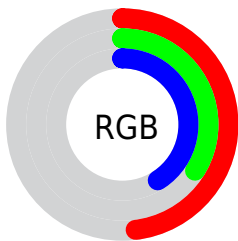
Format	Color
R _Y B	123, 86, 104
Decimal	8083048
CIE Lab	41.00, 18.34, -4.20
CIE LCh	41, 18.815, 347.094
Yxy	11.8660, 0.3455, 0.2929
Android (android.graphics.Color)	4286273128 (0xFF7B5668)
YUV	99.1150, 2.4083, 20.9471
Hunter-Lab	34.4471, 12.2479, -1.1011

Details

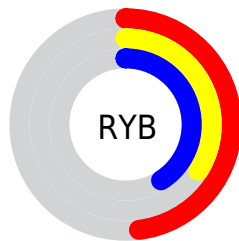
The Yxy color **11.8660, 0.3455, 0.2929** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1693, 0.2890, 0.3683**, and the grayscale version is **12.4991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2050, 0.3372, 0.3018**, and **3.2295, 0.3614, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **9.9448, 0.3607, 0.2805**, and if you desaturate by 10%, it is **14.1361, 0.3326, 0.3053**.

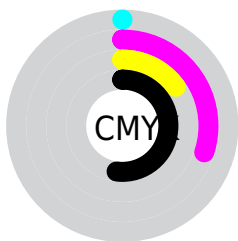
Distribution



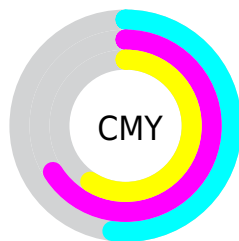
- Red (48%)
- Green (34%)
- Blue (41%)



- Red (48%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (52%)




- Cyan (52%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8660, 0.3455, 0.2929 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 11.8660, 0.3455, 0.2929 by changing the saturation by 10% instead.


 11.8660, 0.3455,
0.2929


 11.8660, 0.3455,
0.2929


203.5161, 0.3257,
0.3145


 6.6525, 0.3522,
0.2857


 29.2508, 0.3372,
0.3019


 3.2457, 0.3623,
0.2750

 42.1909, 0.3344,
0.3049


 1.2613, 0.3794,
0.2574

 58.4753, 0.3322,
0.3073

 0.1110, 0.5128,
0.1029

 78.4885, 0.3304,
0.3093

 0.0000, 0.0000,
0.0000

 102.6148, 0.3289,
0.3109

131.2385, 0.3277,

0.3123

164.7442, 0.3266,
0.3135

■ 11.8660, 0.3455,
0.2929

■ 11.8660, 0.3455,
0.2929

■ 9.9448, 0.3607,
0.2805

■ 14.1361, 0.3326,
0.3053

■ 8.3533, 0.3784,
0.2687

■ 16.7697, 0.3218,
0.3174

■ 7.0730, 0.3986,
0.2583


■ 19.7826, 0.3128,
0.3289

■ 6.0828, 0.4211,
0.2504


■ 23.1892, 0.3053,
0.3396

■ 5.3590, 0.4451,
0.2461


■ 27.0032, 0.2991,
0.3496

 4.8742, 0.4696,
0.2464

 31.2374, 0.2939,
0.3588

 4.5368, 0.4943,
0.2497

 35.9043, 0.2896,
0.3672

 41.0158, 0.2860,
0.3750

 46.5832, 0.2829,
0.3821

Harmonies

Analogous

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



11.8660, 0.3032, 0.2709



11.8660, 0.3455, 0.2929



11.8660, 0.3802, 0.3236

Triad

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



11.8660, 0.3455, 0.2929



11.8660, 0.3577, 0.4030



11.8660, 0.2364, 0.2921

Complementary

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



11.8660, 0.3455, 0.2929



17.1693, 0.2890, 0.3683

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.



11.8660, 0.2489, 0.3290



11.8660, 0.3455, 0.2929



11.8660, 0.3178, 0.3975

Square

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



11.8660, 0.3455, 0.2929



11.8660, 0.3867, 0.3867



11.8660, 0.2781, 0.3693



11.8660, 0.2425, 0.2687

Rectangle

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



11.8660, 0.3455, 0.2929



11.8660, 0.3930, 0.3461



11.8660, 0.2781, 0.3693



11.8660, 0.2386, 0.3032

Sweetspot

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



11.8665, 0.3455, 0.2929



30.4649, 0.3210, 0.3185



11.0587, 0.2884, 0.2517



7.0274, 0.3222, 0.3170



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.



11.8665, 0.3455, 0.2929



18.8418, 0.3556, 0.2844



11.5389, 0.3760, 0.3292



4.0445, 0.3208, 0.3186



4.6906, 0.4946, 0.2498



22.2038, 0.5059, 0.2561

Inverse Universe

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



11.8665, 0.3455, 0.2929



18.8418, 0.3556, 0.2844



17.5797, 0.2712, 0.3289



4.0445, 0.3208, 0.3186



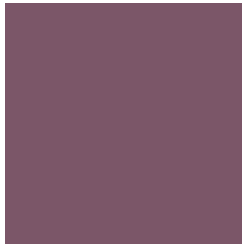
4.6906, 0.4946, 0.2498



22.2038, 0.5059, 0.2561

Previews

White Background



This preview shows how the Yxy color 11.8660, 0.3455, 0.2929 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 11.8660, 0.3455, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

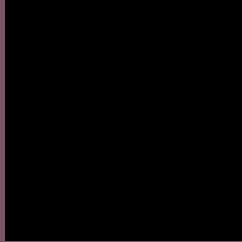
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.8660, 0.3455, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 11.8660, 0.3455, 0.2929.



This preview shows how white text looks on a background with the Yxy color 11.8660, 0.3455, 0.2929.

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

11.8660, 0.3455, 0.2929

Protanopia

11.9244, 0.2924, 0.2975

Deuteranopia

11.9277, 0.3152, 0.3092



Tritanopia

11.9252, 0.3596, 0.3168

Trichromacy



Original Color

11.8660, 0.3455, 0.2929

Protanomaly

11.7403, 0.3098, 0.2942

Deuteranomaly

11.8410, 0.3265, 0.3034

Tritanomaly

11.8358, 0.3534, 0.3067

Monochromacy



Original Color

11.8660, 0.3455, 0.2929

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.1331, 0.3242, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8660, 0.3455, 0.2929 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(123, 86, 104)` looks like.

```
.text, #text, p{  
    color:rgb(123, 86, 104)  
}
```

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(123, 86, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 86, 104) }
```

Border

The CSS property to change the border of an element to Yxy 11.8660, 0.3455, 0.2929 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(123, 86, 104) }
```

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

```
.border{ border-color:rgb(123, 86, 104) }
```

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

Here you see how a box with a 4 pixel rgb(123, 86, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 86, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 86, 104);  
box-shadow:4px 4px 4px 4px rgb(123, 86,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8660, 0.3455, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 86, 104) }
```

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

```
.background{ background-color: rgb(123, 86,  
104) }
```

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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