

Converting Colors

$Y_{xy}(15.8927, 0.3086, 0.2979)$

Have a look what the booklet for
Yxy(15.8927, 0.3086, 0.2979)
contains.

Yxy(15.8674, 0.3088, 0.2980)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.8674, 0.3088, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	776B7B
RGB	119, 107, 123
RGB Percent	47%, 42%, 48%
CMY	0.5333, 0.5804, 0.5176
CMYK	0.03, 0.13, 0.00, 0.52
HSL	285°, 7%, 45%
HSV	285°, 13%, 48%
XYZ	16.4425, 15.8674, 20.9364
YIQ	112.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

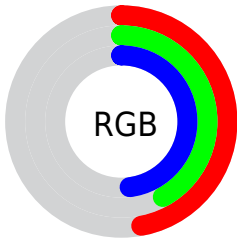
Format	Color
R_{YB}	119, 107, 123
Decimal	7826299
CIE Lab	46.80, 7.91, -7.16
CIE LCh	47, 10.669, 317.842
Yxy	15.8674, 0.3088, 0.2980
Android (android.graphics.Color)	4286016379 (0xFF776B7B)
YUV	112.4120, 5.2199, 5.7777
Hunter-Lab	39.8339, 3.9711, -3.2787

Details

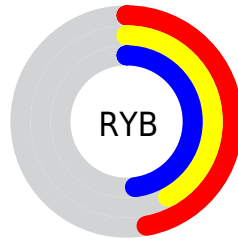
The Yxy color **15.8674, 0.3088, 0.2980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6072, 0.3161, 0.3610**, and the grayscale version is **16.3154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2068, 0.3100, 0.3053**, and **5.0657, 0.3082, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **13.2698, 0.3051, 0.2729**, and if you desaturate by 10%, it is **18.8383, 0.3119, 0.3220**.

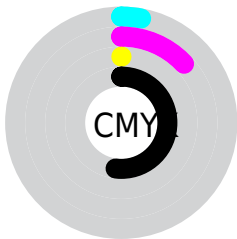
Distribution



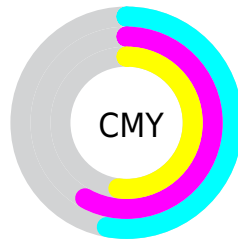
- Red (47%)
- Green (42%)
- Blue (48%)



- Red (47%)
- Yellow (42%)
- Blue (48%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (52%)




- Cyan (53%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8674, 0.3088, 0.2980 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 15.8674, 0.3088, 0.2980 by changing the saturation by 10% instead.


 15.8674, 0.3088,
0.2980


 15.8674, 0.3088,
0.2980


228.5580, 0.3112,
0.3159


 9.4304, 0.3079,
0.2924


 36.3679, 0.3098,
0.3052


 5.0229, 0.3066,
0.2844

 51.2001, 0.3102,
0.3077

 2.2607, 0.3044,
0.2720

 69.5995, 0.3104,
0.3097

 0.7528, 0.3005,
0.2485

 91.9504, 0.3107,
0.3114

 0.0000, 0.0000,
0.0000

118.6374, 0.3108,
0.3128

150.0447, 0.3110,

0.3140

186.5568, 0.3111,
0.3150

■ 15.8674, 0.3088,
0.2980

■ 15.8674, 0.3088,
0.2980

■ 13.2698, 0.3051,
0.2729

■ 18.8383, 0.3119,
0.3220

■ 11.0280, 0.3008,
0.2472

■ 22.1948, 0.3144,
0.3446

■ 9.1261, 0.2959,
0.2217

■ 25.9515, 0.3165,
0.3656

■ 7.5466, 0.2904,
0.1972

■ 30.1212, 0.3182,
0.3849

■ 6.2697, 0.2844,
0.1747

■ 34.7165, 0.3194,
0.4025

■ 5.2741, 0.2781,
0.1552

■ 39.7492, 0.3204,
0.4184

■ 4.5352, 0.2716,
0.1395

■ 45.2308, 0.3212,
0.4329

■ 4.0230, 0.2652,
0.1280

■ 51.1723, 0.3217,
0.4459

■ 3.7241, 0.2607,
0.1210

■ 57.5842, 0.3221,
0.4576

Harmonies

Analogous

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



15.8674, 0.2889, 0.2932



15.8674, 0.3088, 0.2980



15.8674, 0.3304, 0.3103

Triad

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



15.8674, 0.3088, 0.2980



15.8674, 0.3508, 0.3600



15.8674, 0.2790, 0.3292

Complementary

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



15.8674, 0.3088, 0.2980



18.6072, 0.3161, 0.3610

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.



15.8674, 0.2946, 0.3488



15.8674, 0.3088, 0.2980



15.8674, 0.3361, 0.3667

Square

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



15.8674, 0.3088, 0.2980



15.8674, 0.3550, 0.3454



15.8674, 0.3155, 0.3628



15.8674, 0.2722, 0.3103

Rectangle

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



15.8674, 0.3088, 0.2980



15.8674, 0.3426, 0.3214



15.8674, 0.3155, 0.3628



15.8674, 0.2833, 0.3359

Sweetspot

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



15.8681, 0.3088, 0.2980



33.1220, 0.3116, 0.3195



15.9245, 0.2932, 0.3048



7.7149, 0.3114, 0.3179



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.



15.8681, 0.3088, 0.2980



26.7680, 0.3076, 0.2896



16.0581, 0.3193, 0.3060



4.0296, 0.3101, 0.3076



3.8496, 0.2606, 0.1209



17.9470, 0.2574, 0.1192

Inverse Universe

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



15.8735, 0.3298, 0.3213



26.7871, 0.3350, 0.3192



18.4405, 0.3068, 0.3532



4.0299, 0.3241, 0.3237



4.4558, 0.5853, 0.2998



21.1373, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 15.8674, 0.3088, 0.2980 looks on a white background.

Color Contrast Check

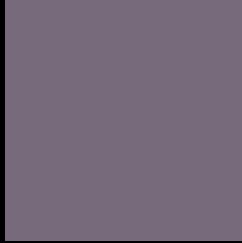
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8674, 0.3088, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

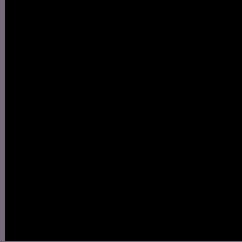
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8674, 0.3088, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 15.8674, 0.3088, 0.2980.



This preview shows how white text looks on a background with the Yxy color 15.8674, 0.3088, 0.2980.

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

15.8674, 0.3088, 0.2980

Protanopia

15.8837, 0.2934, 0.2990

Deuteranopia

15.8682, 0.3048, 0.2996



Tritanopia

15.8610, 0.3149, 0.3113

Trichromacy



Original Color

15.8674, 0.3088, 0.2980

Protanomaly

15.9032, 0.2996, 0.2994

Deuteranomaly

15.9371, 0.3061, 0.2997

Tritanomaly

15.9086, 0.3124, 0.3075

Monochromacy



Original Color

15.8674, 0.3088, 0.2980

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.0577, 0.3119, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8674, 0.3088, 0.2980 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, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 123)  
}
```

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, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 123) }
```

Border

The CSS property to change the border of an element to Yxy 15.8674, 0.3088, 0.2980 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, 107, 123) }
```

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

```
.border{ border-color:rgb(119, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8674, 0.3088, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 123) }
```

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

```
.background{ background-color: rgb(119,  
107, 123) }
```

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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