

Converting Colors

$Y_{xy}(15.0892, 0.3160, 0.2779)$

Have a look what the booklet for
Yxy(15.0892, 0.3160, 0.2779)
contains.

Yxy(15.0452, 0.3166, 0.2770)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.0452, 0.3166, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	80637F
RGB	128, 99, 127
RGB Percent	50%, 39%, 50%
CMY	0.4980, 0.6118, 0.5020
CMYK	0.00, 0.23, 0.01, 0.50
HSL	302°, 13%, 45%
HSV	302°, 23%, 50%
XYZ	17.1961, 15.0452, 22.0735
YIQ	110.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

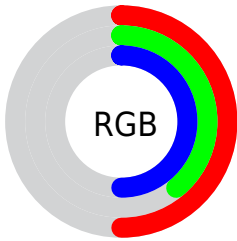
Format	Color
R_{YB}	128, 99, 127
Decimal	8414079
CIE _{Lab}	45.70, 16.86, -11.12
CIE _{LCh}	46, 20.196, 326.600
Yxy	15.0452, 0.3166, 0.2770
Android (android.graphics.Color)	4286604159 (0xFF80637F)
YUV	110.8630, 7.9555, 15.0291
Hunter-Lab	38.7881, 11.2557, -6.5890

Details

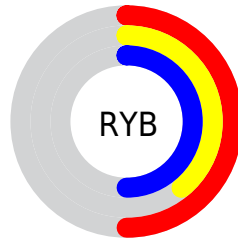
The Yxy color **15.0452, 0.3166, 0.2770** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0158, 0.3088, 0.3872**, and the grayscale version is **15.8299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9317, 0.3156, 0.2886**, and **4.6257, 0.3162, 0.2546** is the 20% darker color. If you saturate the color by 10%, you get **12.7978, 0.3185, 0.2540**, and if you desaturate by 10%, it is **17.6785, 0.3148, 0.3002**.

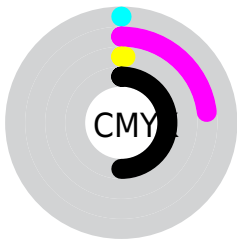
Distribution



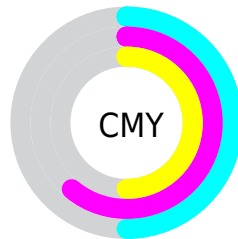
- Red (50%)
- Green (39%)
- Blue (50%)



- Red (50%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (50%)




- Cyan (50%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0452, 0.3166, 0.2770 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 15.0452, 0.3166, 0.2770 by changing the saturation by 10% instead.


 15.0452, 0.3166,
0.2770


 15.0452, 0.3166,
0.2770


223.6396, 0.3147,
0.3068


 8.8511, 0.3170,
0.2679


 34.9325, 0.3160,
0.2889


 4.6442, 0.3173,
0.2551

 49.3944, 0.3157,
0.2930

 2.0401, 0.3174,
0.2356

 67.3811, 0.3155,
0.2964

 0.6306, 0.3187,
0.1966

 89.2770, 0.3153,
0.2992

 0.0000, 0.0000,
0.0000

115.4663, 0.3151,
0.3015

146.3337, 0.3150,

0.3035

182.2633, 0.3149,
0.3053

■ 15.0452, 0.3166,
0.2770

■ 15.0452, 0.3166,
0.2770

■ 12.7978, 0.3185,
0.2540

■ 17.6785, 0.3148,
0.3002

■ 10.9162, 0.3204,
0.2319

■ 20.7127, 0.3131,
0.3231

■ 9.3817, 0.3223,
0.2115

■ 24.1643, 0.3116,
0.3450

■ 8.1727, 0.3242,
0.1938

■ 28.0482, 0.3102,
0.3657

■ 7.2658, 0.3259,
0.1795

■ 32.3788, 0.3090,
0.3850

6.6339, 0.3274,
0.1690

37.1696, 0.3078,
0.4029

6.2452, 0.3287,
0.1625

42.4338, 0.3068,
0.4192

6.0331, 0.3297,
0.1590

48.1839, 0.3060,
0.4341

54.4318, 0.3052,
0.4477

Harmonies

Analogous

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



15.0452, 0.2770, 0.2636



15.0452, 0.3166, 0.2770



15.0452, 0.3576, 0.3022

Triad

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



15.0452, 0.3166, 0.2770



15.0452, 0.3788, 0.3932



15.0452, 0.2435, 0.3164

Complementary

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



15.0452, 0.3166, 0.2770



19.0158, 0.3088, 0.3872

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.



15.0452, 0.2677, 0.3568



15.0452, 0.3166, 0.2770



15.0452, 0.3455, 0.4032

Square

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



15.0452, 0.3166, 0.2770



15.0452, 0.3946, 0.3672



15.0452, 0.3047, 0.3902



15.0452, 0.2369, 0.2834

Rectangle

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



15.0452, 0.3166, 0.2770



15.0452, 0.3792, 0.3231



15.0452, 0.3047, 0.3902



15.0452, 0.2498, 0.3297

Sweetspot

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



15.0459, 0.3166, 0.2770



33.9689, 0.3139, 0.3129



13.1895, 0.2774, 0.2689



7.8969, 0.3139, 0.3119



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.0459, 0.3166, 0.2770



24.4406, 0.3175, 0.2655



14.6957, 0.3367, 0.3031



4.4099, 0.3142, 0.3085



5.9805, 0.3297, 0.1590



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0459, 0.3166, 0.2770



24.4406, 0.3175, 0.2655



19.3210, 0.2939, 0.3565



4.4099, 0.3142, 0.3085



5.9805, 0.3297, 0.1590



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.0452, 0.3166, 0.2770 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 15.0452, 0.3166, 0.2770 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 15.0452, 0.3166, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 15.0452, 0.3166, 0.2770.



This preview shows how white text looks on a background with the Yxy color 15.0452, 0.3166, 0.2770.

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

15.0452, 0.3166, 0.2770

Protanopia

15.0924, 0.2769, 0.2770

Deuteranopia

15.1939, 0.2946, 0.2893



Tritanopia

15.0642, 0.3366, 0.3136

Trichromacy



Original Color

15.0452, 0.3166, 0.2770

Protanomaly

14.9841, 0.2899, 0.2762

Deuteranomaly

14.9888, 0.3025, 0.2842

Tritanomaly

15.0803, 0.3299, 0.3004

Monochromacy



Original Color

15.0452, 0.3166, 0.2770

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.5817, 0.3136, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0452, 0.3166, 0.2770 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(128, 99, 127)` looks like.

```
.text, #text, p{  
  color:rgb(128, 99, 127)  
}
```

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(128, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 127) }
```

Border

The CSS property to change the border of an element to Yxy 15.0452, 0.3166, 0.2770 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(128, 99, 127) }
```

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

```
.border{ border-color:rgb(128, 99, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 99, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 99,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0452, 0.3166, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 127) }
```

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

```
.background{ background-color: rgb(128, 99,  
127) }
```

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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