

Converting Colors

$Y_{xy}(15.9433, 0.3321, 0.2762)$

Have a look what the booklet for
Yxy(15.9433, 0.3321, 0.2762)
contains.

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Color

Yxy(15.8693, 0.3322, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	8C6280
RGB	140, 98, 128
RGB Percent	55%, 38%, 50%
CMY	0.4510, 0.6157, 0.4980
CMYK	0.00, 0.30, 0.09, 0.45
HSL	317°, 18%, 47%
HSV	317°, 30%, 55%
XYZ	19.0799, 15.8693, 22.4858
YIQ	113.9780, 15.4020, 18.2340

Conversions

Conversions Part 2

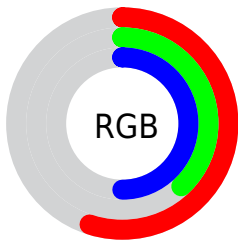
Format	Color
R_{YB}	140, 98, 128
Decimal	9200256
CIE _{Lab}	46.80, 22.06, -9.94
CIE _{LCh}	47, 24.197, 335.754
Yxy	15.8693, 0.3322, 0.2763
Android (android.graphics.Color)	4287390336 (0xFF8C6280)
YUV	113.9780, 6.9128, 22.8213
Hunter-Lab	39.8363, 15.7805, -5.5812

Details

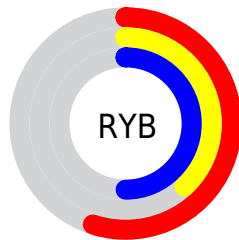
The Yxy color **15.8693, 0.3322, 0.2763** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4780, 0.2976, 0.3883**, and the grayscale version is **16.7962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3004, 0.3276, 0.2877**, and **5.0560, 0.3393, 0.2555** is the 20% darker color. If you saturate the color by 10%, you get **13.3721, 0.3407, 0.2585**, and if you desaturate by 10%, it is **18.8303, 0.3247, 0.2943**.

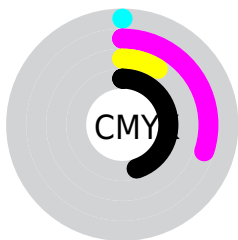
Distribution



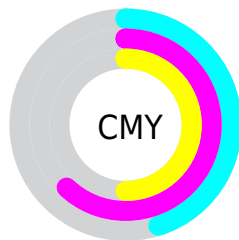
- Red (55%)
- Green (38%)
- Blue (50%)



- Red (55%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (45%)




- Cyan (45%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8693, 0.3322, 0.2763 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 15.8693, 0.3322, 0.2763 by changing the saturation by 10% instead.


 15.8693, 0.3322,
0.2763


 15.8693, 0.3322,
0.2763


228.5692, 0.3213,
0.3062

 9.4317, 0.3354,
0.2674


 36.3712, 0.3279,
0.2882

 5.0238, 0.3399,
0.2548


 51.2042, 0.3264,
0.2923

 2.2613, 0.3465,
0.2360

 69.6046, 0.3251,
0.2957

 0.7531, 0.3578,
0.2033

 91.9566, 0.3241,
0.2985

 0.0000, 0.3952,
0.0000

118.6446, 0.3232,
0.3009

 0.0000, 0.0000,
0.0000

150.0532, 0.3225,

0.3029

186.5666, 0.3218,
0.3047

■ 15.8693, 0.3322,
0.2763

■ 15.8693, 0.3322,
0.2763

■ 13.3721, 0.3407,
0.2585

■ 18.8303, 0.3247,
0.2943

■ 11.3127, 0.3503,
0.2417

■ 22.2751, 0.3182,
0.3120

■ 9.6657, 0.3608,
0.2267

■ 26.2253, 0.3127,
0.3290

■ 8.4023, 0.3720,
0.2145

■ 30.7003, 0.3080,
0.3451

■ 7.4898, 0.3836,
0.2061

■ 35.7187, 0.3041,
0.3601

6.8901, 0.3952,
0.2021

41.2980, 0.3007,
0.3740

6.4967, 0.4068,
0.2014

47.4550, 0.2980,
0.3868

6.4967, 0.4068,
0.2014

54.2058, 0.2956,
0.3986

61.5659, 0.2937,
0.4094

Harmonies

Analogous

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



15.8693, 0.2837, 0.2563



15.8693, 0.3322, 0.2763



15.8693, 0.3783, 0.3082

Triad

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



15.8693, 0.3322, 0.2763



15.8693, 0.3796, 0.4103



15.8693, 0.2276, 0.3001

Complementary

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



15.8693, 0.3322, 0.2763



22.4780, 0.2976, 0.3883

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.



15.8693, 0.2494, 0.3469



15.8693, 0.3322, 0.2763



15.8693, 0.3362, 0.4155

Square

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



15.8693, 0.3322, 0.2763



15.8693, 0.4060, 0.3833



15.8693, 0.2886, 0.3918



15.8693, 0.2266, 0.2668

Rectangle

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



15.8693, 0.3322, 0.2763



15.8693, 0.3996, 0.3333



15.8693, 0.2886, 0.3918



15.8693, 0.2326, 0.3148

Sweetspot

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



15.8700, 0.3322, 0.2763



39.8025, 0.3178, 0.3134



13.9377, 0.2764, 0.2483



8.9747, 0.3185, 0.3111



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.8700, 0.3322, 0.2763



24.9160, 0.3379, 0.2642



15.3747, 0.3628, 0.3126



5.1051, 0.3177, 0.3135



5.7762, 0.4062, 0.2012



0.0409, 0.3599, 0.1756

Inverse Universe

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



15.8700, 0.3322, 0.2763



24.9160, 0.3379, 0.2642



22.9886, 0.2787, 0.3463



5.1051, 0.3177, 0.3135



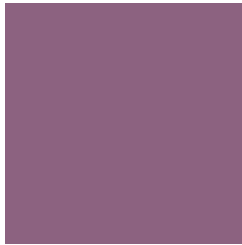
5.7762, 0.4062, 0.2012



0.0409, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 15.8693, 0.3322, 0.2763 looks on a white background.

Color Contrast Check

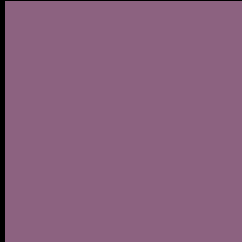
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8693, 0.3322, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

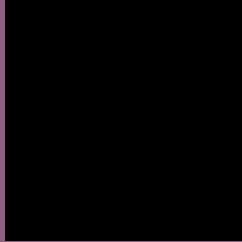
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8693, 0.3322, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 15.8693, 0.3322, 0.2763.



This preview shows how white text looks on a background with the Yxy color 15.8693, 0.3322, 0.2763.

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

15.8693, 0.3322, 0.2763

Protanopia

15.9327, 0.2765, 0.2780

Deuteranopia

15.8763, 0.2998, 0.2939



Tritanopia

15.8148, 0.3559, 0.3145

Trichromacy



Original Color

15.8693, 0.3322, 0.2763

Protanomaly

15.8531, 0.2954, 0.2778

Deuteranomaly

15.7180, 0.3107, 0.2857

Tritanomaly

15.8643, 0.3474, 0.3002

Monochromacy



Original Color

15.8693, 0.3322, 0.2763

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2680, 0.3191, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8693, 0.3322, 0.2763 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(140, 98, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 98, 128)  
}
```

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(140, 98, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 98, 128) }
```

Border

The CSS property to change the border of an element to Yxy 15.8693, 0.3322, 0.2763 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(140, 98, 128) }
```

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

```
.border{ border-color:rgb(140, 98, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 98, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 98, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 98, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 98,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8693, 0.3322, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 98, 128) }
```

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

```
.background{ background-color: rgb(140, 98,  
128) }
```

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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