

Converting Colors

$Y_{xy}(17.0932, 0.3451, 0.2794)$

Have a look what the booklet for
Yxy(17.0932, 0.3451, 0.2794)
contains.

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Color

Yxy(16.9927, 0.3447, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	966381
RGB	150, 99, 129
RGB Percent	59%, 39%, 51%
CMY	0.4117, 0.6118, 0.4942
CMYK	0.00, 0.34, 0.14, 0.41
HSL	325°, 20%, 49%
HSV	325°, 34%, 59%
XYZ	21.0017, 16.9927, 22.9331
YIQ	117.6690, 20.7660, 20.1420

Conversions

Conversions Part 2

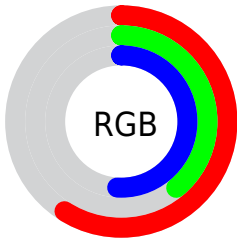
Format	Color
R_{YB}	150, 99, 129
Decimal	9855873
CIE Lab	48.25, 25.34, -8.22
CIE LCh	48, 26.636, 342.029
Yxy	16.9927, 0.3447, 0.2789
Android (android.graphics.Color)	4288045953 (0xFF966381)
YUV	117.6690, 5.5862, 28.3543
Hunter-Lab	41.2222, 18.8027, -4.1292

Details

The Yxy color **16.9927, 0.3447, 0.2789** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.8252, 0.2902, 0.3854**, and the grayscale version is **17.9856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1692, 0.3374, 0.2892**, and **5.5435, 0.3572, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **14.2507, 0.3579, 0.2641**, and if you desaturate by 10%, it is **20.2742, 0.3334, 0.2941**.

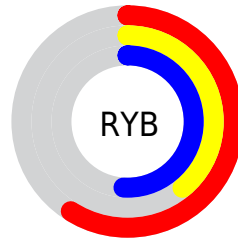
Distribution



Red (59%)

Green (39%)

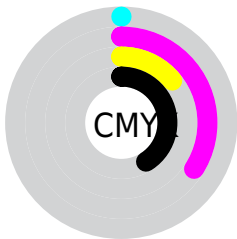
Blue (51%)



Red (59%)

Yellow (39%)

Blue (51%)

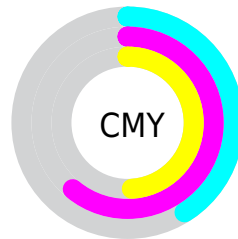


Cyan (0%)

Magenta (34%)

Yellow (14%)

Black (41%)



Cyan (41%)


Magenta (61%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9927, 0.3447, 0.2789 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 16.9927, 0.3447, 0.2789 by changing the saturation by 10% instead.


 16.9927, 0.3447,
0.2789


 16.9927, 0.3447,
0.2789


235.1303, 0.3265,
0.3071


 10.2293, 0.3501,
0.2706


 38.3132, 0.3375,
0.2900


 5.5512, 0.3578,
0.2590


 53.6391, 0.3350,
0.2939

 2.5742, 0.3694,
0.2416

 72.5880, 0.3329,
0.2971

 0.9137, 0.3888,
0.2133

 95.5442, 0.3312,
0.2998

 0.0000, 0.5443,
0.0000

122.8921, 0.3298,
0.3020

 0.0000, 0.0000,
0.0000

155.0162, 0.3285,

0.3040

192.3008, 0.3275,
0.3056

■ 16.9927, 0.3447,
0.2789

■ 16.9927, 0.3447,
0.2789

■ 14.2507, 0.3579,
0.2641

■ 20.2742, 0.3334,
0.2941

■ 12.0163, 0.3729,
0.2504

■ 24.1201, 0.3237,
0.3091

■ 10.2582, 0.3895,
0.2388


■ 28.5565, 0.3156,
0.3235

■ 8.9401, 0.4075,
0.2304


■ 33.6072, 0.3088,
0.3371

■ 8.0208, 0.4263,
0.2262

■ 39.2946, 0.3031,
0.3497

 7.4504, 0.4450,
0.2270

 45.6402, 0.2984,
0.3615

 7.1919, 0.4564,
0.2288

 52.6642, 0.2944,
0.3723

 60.3862, 0.2912,
0.3822

 68.8247, 0.2884,
0.3913

Harmonies

Analogous

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



16.9927, 0.2917, 0.2545



16.9927, 0.3447, 0.2789



16.9927, 0.3917, 0.3147

Triad

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



16.9927, 0.3447, 0.2789



16.9927, 0.3756, 0.4199



16.9927, 0.2196, 0.2886

Complementary

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



16.9927, 0.3447, 0.2789



25.8252, 0.2902, 0.3854

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.



16.9927, 0.2381, 0.3370



16.9927, 0.3447, 0.2789



16.9927, 0.3268, 0.4198

Square

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



16.9927, 0.3447, 0.2789



16.9927, 0.4090, 0.3941



16.9927, 0.2766, 0.3881



16.9927, 0.2233, 0.2572

Rectangle

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



16.9927, 0.3447, 0.2789



16.9927, 0.4110, 0.3418



16.9927, 0.2766, 0.3881



16.9927, 0.2233, 0.3033

Sweetspot

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



16.9935, 0.3447, 0.2789



45.4146, 0.3205, 0.3146



15.0773, 0.2775, 0.2373



9.8504, 0.3215, 0.3128



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



16.9935, 0.3447, 0.2789



26.1292, 0.3548, 0.2673



16.4107, 0.3816, 0.3204



5.8691, 0.3196, 0.3161



5.9705, 0.4551, 0.2281



0.0790, 0.3837, 0.1887

Inverse Universe

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



16.9935, 0.3447, 0.2789



26.1292, 0.3548, 0.2673



26.5098, 0.2698, 0.3380



5.8691, 0.3196, 0.3161



5.9705, 0.4551, 0.2281



0.0790, 0.3837, 0.1887

Previews

White Background



This preview shows how the Yxy color 16.9927, 0.3447, 0.2789 looks on a white background.

Color Contrast Check

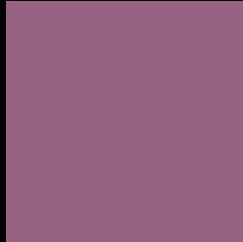
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9927, 0.3447, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

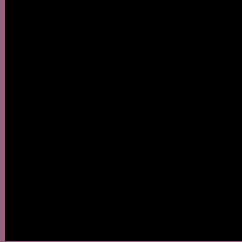
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9927, 0.3447, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 16.9927, 0.3447, 0.2789.



This preview shows how white text looks on a background with the Yxy color 16.9927, 0.3447, 0.2789.

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

16.9927, 0.3447, 0.2789

Protanopia

17.1499, 0.2785, 0.2813

Deuteranopia

17.1856, 0.3063, 0.3006



Tritanopia

16.9244, 0.3685, 0.3153

Trichromacy



Original Color

16.9927, 0.3447, 0.2789

Protanomaly

16.9716, 0.3007, 0.2811

Deuteranomaly

16.9794, 0.3199, 0.2909

Tritanomaly

16.9813, 0.3600, 0.3017

Monochromacy



Original Color

16.9927, 0.3447, 0.2789

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5198, 0.3243, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9927, 0.3447, 0.2789 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(150, 99, 129)` looks like.

```
.text, #text, p{  
    color:rgb(150, 99, 129)  
}
```

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(150, 99, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 99, 129) }
```

Border

The CSS property to change the border of an element to Yxy 16.9927, 0.3447, 0.2789 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(150, 99, 129) }
```

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

```
.border{ border-color:rgb(150, 99, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 99, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 99, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 99, 129);  
box-shadow:4px 4px 4px 4px rgb(150, 99,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9927, 0.3447, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 99, 129) }
```

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

```
.background{ background-color: rgb(150, 99,  
129) }
```

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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