

Converting Colors

$Y_{xy}(16.7929, 0.3279, 0.2695)$

Have a look what the booklet for
Yxy(16.7929, 0.3279, 0.2695)
contains.

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Color

Yxy(16.7929, 0.3279, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	906487
RGB	144, 100, 135
RGB Percent	56%, 39%, 53%
CMY	0.4353, 0.6078, 0.4706
CMYK	0.00, 0.31, 0.06, 0.44
HSL	312°, 18%, 48%
HSV	312°, 31%, 56%
XYZ	20.4319, 16.7929, 25.0865
YIQ	117.1460, 14.9890, 20.2130

Conversions

Conversions Part 2

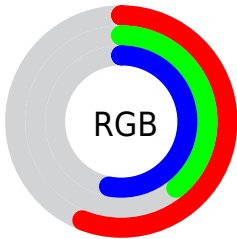
Format	Color
R_{YB}	144, 100, 135
Decimal	9462919
CIE _{Lab}	48.00, 23.67, -12.27
CIE _{LCh}	48, 26.658, 332.600
Yxy	16.7929, 0.3279, 0.2695
Android (android.graphics.Color)	4287652999 (0xFF906487)
YUV	117.1460, 8.8020, 23.5510
Hunter-Lab	40.9791, 17.2852, -7.6106

Details

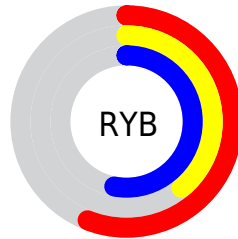
The Yxy color **16.7929, 0.3279, 0.2695** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7602, 0.3005, 0.3970**, and the grayscale version is **17.8059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7698, 0.3247, 0.2823**, and **5.4390, 0.3344, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **14.1892, 0.3342, 0.2501**, and if you desaturate by 10%, it is **19.8886, 0.3222, 0.2894**.

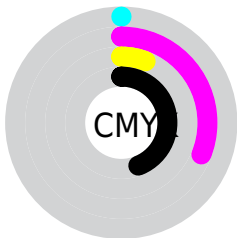
Distribution



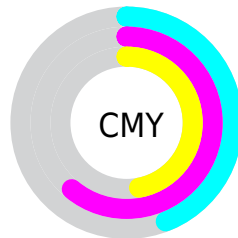
- Red (56%)
- Green (39%)
- Blue (53%)



- Red (56%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7929, 0.3279, 0.2695 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 16.7929, 0.3279, 0.2695 by changing the saturation by 10% instead.


 16.7929, 0.3279,
0.2695


 16.7929, 0.3279,
0.2695


233.9761, 0.3197,
0.3028


 10.0869, 0.3302,
0.2598


 37.9694, 0.3248,
0.2826


 5.4566, 0.3332,
0.2463


 53.2086, 0.3236,
0.2872

 2.5176, 0.3373,
0.2265

 72.0612, 0.3227,
0.2909

 0.8854, 0.3433,
0.1947

 94.9113, 0.3219,
0.2941

 0.0000, 0.3733,
0.0000

122.1435, 0.3212,
0.2968

 0.0000, 0.0000,
0.0000

154.1421, 0.3206,

0.2991

191.2915, 0.3201,
0.3010

■ 16.7929, 0.3279,
0.2695

■ 16.7929, 0.3279,
0.2695

■ 14.1892, 0.3342,
0.2501

■ 19.8886, 0.3222,
0.2894

■ 12.0497, 0.3412,
0.2318

■ 23.4980, 0.3173,
0.3090

■ 10.3468, 0.3487,
0.2156


■ 27.6440, 0.3129,
0.3280

■ 9.0496, 0.3564,
0.2024

■ 32.3477, 0.3092,
0.3460


■ 8.1227, 0.3643,
0.1931


■ 37.6289, 0.3061,
0.3629

 7.5250, 0.3720,
0.1881

 43.5065, 0.3034,
0.3785

 7.1567, 0.3792,
0.1863

 49.9984, 0.3011,
0.3930

 57.1219, 0.2992,
0.4063

 64.8937, 0.2976,
0.4184

Harmonies

Analogous

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



16.7929, 0.2764, 0.2497



16.7929, 0.3279, 0.2695



16.7929, 0.3790, 0.3024

Triad

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



16.7929, 0.3279, 0.2695



16.7929, 0.3887, 0.4143



16.7929, 0.2227, 0.3023

Complementary

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



16.7929, 0.3279, 0.2695



23.7602, 0.3005, 0.3970

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.



16.7929, 0.2480, 0.3539



16.7929, 0.3279, 0.2695



16.7929, 0.3431, 0.4238

Square

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



16.7929, 0.3279, 0.2695



16.7929, 0.4148, 0.3830



16.7929, 0.2916, 0.4015



16.7929, 0.2194, 0.2646

Rectangle

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



16.7929, 0.3279, 0.2695



16.7929, 0.4039, 0.3288



16.7929, 0.2916, 0.4015



16.7929, 0.2288, 0.3186

Sweetspot

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



16.7937, 0.3279, 0.2695



42.3890, 0.3166, 0.3116



14.3674, 0.2711, 0.2453



9.5111, 0.3172, 0.3091



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



16.7937, 0.3279, 0.2695



26.2255, 0.3324, 0.2554



16.2412, 0.3587, 0.3058



5.4924, 0.3166, 0.3117



6.2356, 0.3788, 0.1860



0.0627, 0.3472, 0.1686

Inverse Universe

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



16.7937, 0.3279, 0.2695



26.2255, 0.3324, 0.2554



24.2893, 0.2812, 0.3537



5.4924, 0.3166, 0.3117



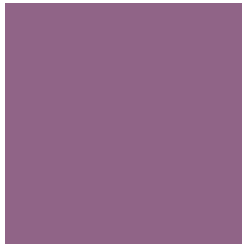
6.2356, 0.3788, 0.1860



0.0627, 0.3472, 0.1686

Previews

White Background



This preview shows how the Yxy color 16.7929, 0.3279, 0.2695 looks on a white background.

Color Contrast Check

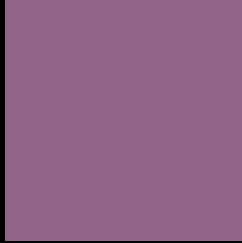
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7929, 0.3279, 0.2695 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 16.7929, 0.3279, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 16.7929, 0.3279, 0.2695.



This preview shows how white text looks on a background with the Yxy color 16.7929, 0.3279, 0.2695.

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

16.7929, 0.3279, 0.2695

Protanopia

16.9497, 0.2711, 0.2703

Deuteranopia

16.7753, 0.2931, 0.2871



Tritanopia

16.7332, 0.3548, 0.3148

Trichromacy



Original Color

16.7929, 0.3279, 0.2695

Protanomaly

16.6413, 0.2889, 0.2683

Deuteranomaly

16.6722, 0.3045, 0.2795

Tritanomaly

16.8073, 0.3452, 0.2991

Monochromacy



Original Color

16.7929, 0.3279, 0.2695

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.3361, 0.3178, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7929, 0.3279, 0.2695 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(144, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(144, 100, 135)  
}
```

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(144, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 100, 135) }
```

Border

The CSS property to change the border of an element to Yxy 16.7929, 0.3279, 0.2695 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(144, 100, 135) }
```

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

```
.border{ border-color:rgb(144, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(144, 100,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7929, 0.3279, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 100, 135) }
```

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

```
.background{ background-color: rgb(144,  
100, 135) }
```

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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