

Converting Colors

$Y_{xy}(16.6422, 0.2938, 0.2609)$

Have a look what the booklet for
Yxy(16.6422, 0.2938, 0.2609)
contains.

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Color

Yxy(16.5219, 0.2939, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	7E698F
RGB	126, 105, 143
RGB Percent	49%, 41%, 56%
CMY	0.5059, 0.5882, 0.4392
CMYK	0.12, 0.27, 0.00, 0.44
HSL	273°, 15%, 49%
HSV	273°, 27%, 56%
XYZ	18.6117, 16.5219, 28.1930
YIQ	115.6110, 0.3180, 16.2700

Conversions

Conversions Part 2

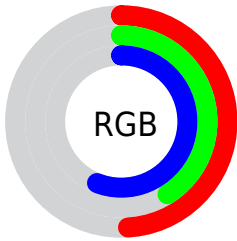
Format	Color
R _Y B	126, 105, 143
Decimal	8284559
CIE Lab	47.65, 15.99, -17.73
CIE LCh	48, 23.873, 312.040
Yxy	16.5219, 0.2939, 0.2609
Android (android.graphics.Color)	4286474639 (0xFF7E698F)
YUV	115.6110, 13.5028, 9.1112
Hunter-Lab	40.6471, 10.5998, -12.6707

Details

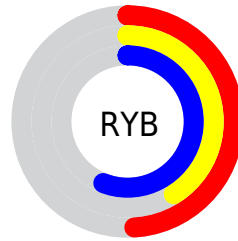
The Yxy color **16.5219, 0.2939, 0.2609** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.8030, 0.3276, 0.3982**, and the grayscale version is **17.2978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3919, 0.2985, 0.2752**, and **5.3529, 0.2829, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **13.3789, 0.2848, 0.2329**, and if you desaturate by 10%, it is **20.1873, 0.3019, 0.2879**.

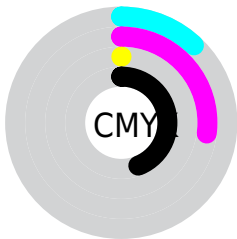
Distribution



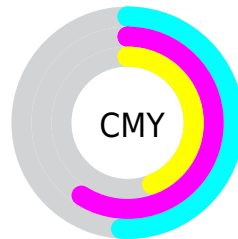
- Red (49%)
- Green (41%)
- Blue (56%)



- Red (49%)
- Yellow (41%)
- Blue (56%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)





- Cyan (51%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5219, 0.2939, 0.2609 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 16.5219, 0.2939, 0.2609 by changing the saturation by 10% instead.


 16.5219, 0.2939,
0.2609


 16.5219, 0.2939,
0.2609


232.4020, 0.3054,
0.2991


 9.8942, 0.2901,
0.2497


 37.5019, 0.2987,
0.2759


 5.3289, 0.2844,
0.2343


 52.6230, 0.3003,
0.2812

 2.4415, 0.2753,
0.2117


 71.3440, 0.3016,
0.2855

 0.8471, 0.2587,
0.1757

 94.0494, 0.3026,
0.2891

 0.0000, 0.1302,
0.0000

121.1235, 0.3035,
0.2922

 0.0000, 0.0000,
0.0000

152.9507, 0.3042,

0.2948

189.9154, 0.3048,
0.2971

■ 16.5219, 0.2939,
0.2609

■ 16.5219, 0.2939,
0.2609

■ 13.3789, 0.2848,
0.2329

■ 20.1873, 0.3019,
0.2879

■ 10.7312, 0.2747,
0.2047

■ 24.3963, 0.3088,
0.3133

■ 8.5522, 0.2637,
0.1773

■ 29.1716, 0.3146,
0.3369

■ 6.8121, 0.2522,
0.1520

■ 34.5337, 0.3195,
0.3584

■ 5.4774, 0.2405,
0.1301

■ 40.5024, 0.3237,
0.3780

4.5095, 0.2291,
0.1126

47.0963, 0.3271,
0.3956

3.8462, 0.2184,
0.0998

54.3333, 0.3299,
0.4114

3.6437, 0.2148,
0.0957

62.2305, 0.3322,
0.4255

70.8044, 0.3340,
0.4382

Harmonies

Analogous

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



16.5219, 0.2543, 0.2535



16.5219, 0.2939, 0.2609



16.5219, 0.3418, 0.2833

Triad

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



16.5219, 0.2939, 0.2609



16.5219, 0.4001, 0.3888



16.5219, 0.2449, 0.3365

Complementary

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



16.5219, 0.2939, 0.2609



24.8030, 0.3276, 0.3982

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.



16.5219, 0.2802, 0.3820



16.5219, 0.2939, 0.2609



16.5219, 0.3701, 0.4114

Square

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



16.5219, 0.2939, 0.2609



16.5219, 0.4059, 0.3539



16.5219, 0.3259, 0.4106



16.5219, 0.2278, 0.2928

Rectangle

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



16.5219, 0.2939, 0.2609



16.5219, 0.3716, 0.3045



16.5219, 0.3259, 0.4106



16.5219, 0.2549, 0.3524

Sweetspot

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



16.5226, 0.2939, 0.2609



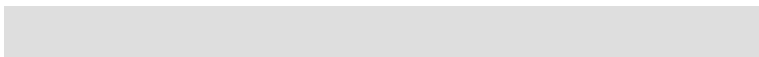
42.4161, 0.3077, 0.3094



18.9313, 0.2715, 0.2895



9.4780, 0.3068, 0.3059



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.



16.5226, 0.2939, 0.2609



26.0422, 0.2885, 0.2439



17.8703, 0.3181, 0.2682



5.3925, 0.3071, 0.3068



3.2344, 0.2153, 0.0959



0.0440, 0.2619, 0.1216

Inverse Universe

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



17.3500, 0.3432, 0.2993



27.8373, 0.3526, 0.2922



23.7072, 0.3075, 0.3984



5.4617, 0.3216, 0.3192



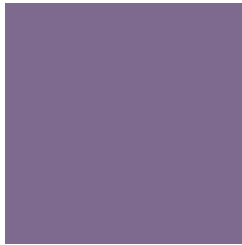
5.4951, 0.5121, 0.2595



0.0569, 0.4169, 0.2070

Previews

White Background



This preview shows how the Yxy color 16.5219, 0.2939, 0.2609 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 16.5219, 0.2939, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

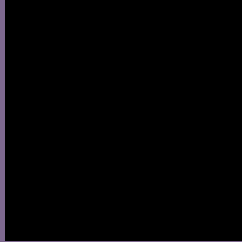
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5219, 0.2939, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 16.5219, 0.2939, 0.2609.



This preview shows how white text looks on a background with the Yxy color 16.5219, 0.2939, 0.2609.

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

16.5219, 0.2939, 0.2609

Protanopia

16.6100, 0.2627, 0.2608

Deuteranopia

16.5731, 0.2750, 0.2702



Tritanopia

16.5974, 0.3188, 0.3136

Trichromacy



Original Color

16.5219, 0.2939, 0.2609

Protanomaly

16.3921, 0.2730, 0.2600

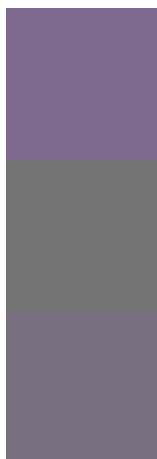
Deuteranomaly

16.5351, 0.2818, 0.2675

Tritanomaly

16.4684, 0.3091, 0.2932

Monochromacy



Original Color

16.5219, 0.2939, 0.2609

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0878, 0.3062, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5219, 0.2939, 0.2609 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(126, 105, 143)` looks like.

```
.text, #text, p{  
    color:rgb(126, 105, 143)  
}
```

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(126, 105, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 105, 143) }
```

Border

The CSS property to change the border of an element to Yxy 16.5219, 0.2939, 0.2609 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(126, 105, 143) }
```

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

```
.border{ border-color:rgb(126, 105, 143) }
```

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

Here you see how a box with a 4 pixel rgb(126, 105, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 105, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 105, 143);  
box-shadow:4px 4px 4px 4px rgb(126, 105,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5219, 0.2939, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 105, 143) }
```

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

```
.background{ background-color: rgb(126,  
105, 143) }
```

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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