

Converting Colors

$Y_{xy}(10.9249, 0.2914, 0.2885)$

Have a look what the booklet for
Yxy(10.9249, 0.2914, 0.2885)
contains.

Yxy(10.9135, 0.2905, 0.2878)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.9135, 0.2905, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	5D5B6D
RGB	93, 91, 109
RGB Percent	36%, 36%, 43%
CMY	0.6353, 0.6431, 0.5726
CMYK	0.15, 0.17, 0.00, 0.57
HSL	247°, 9%, 39%
HSV	247°, 17%, 43%
XYZ	11.0159, 10.9135, 15.9910
YIQ	93.6500, -4.5860, 6.0220

Conversions

Conversions Part 2

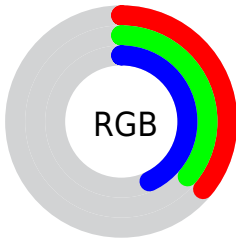
Format	Color
R _Y B	93, 91, 109
Decimal	6118253
CIE Lab	39.43, 4.84, -9.94
CIE LCh	39, 11.058, 295.945
Yxy	10.9135, 0.2905, 0.2878
Android (android.graphics.Color)	4284308333 (0xFF5D5B6D)
YUV	93.6500, 7.5676, -0.5700
Hunter-Lab	33.0356, 1.7095, -5.5747

Details

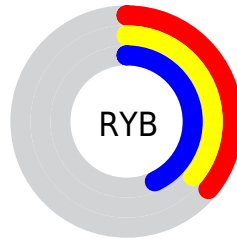
The Yxy color **10.9135, 0.2905, 0.2878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8152, 0.3331, 0.3678**, and the grayscale version is **11.0897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4275, 0.2965, 0.2990**, and **2.8289, 0.2771, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **8.7102, 0.2748, 0.2592**, and if you desaturate by 10%, it is **13.4524, 0.3045, 0.3137**.

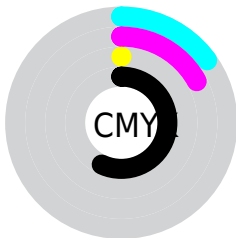
Distribution



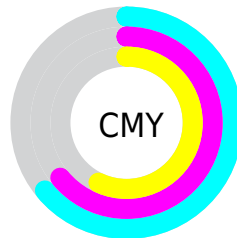
- Red (36%)
- Green (36%)
- Blue (43%)



- Red (36%)
- Yellow (36%)
- Blue (43%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9135, 0.2905, 0.2878 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 10.9135, 0.2905, 0.2878 by changing the saturation by 10% instead.

■ 10.9135, 0.2905,
0.2878

■ 10.9135, 0.2905,
0.2878

■ 197.0731, 0.3043,
0.3129

■ 6.0087, 0.2856,
0.2793

■ 27.5001, 0.2964,
0.2984

■ 2.8504, 0.2779,
0.2663

■ 39.9507, 0.2983,
0.3018

■ 1.0541, 0.2644,
0.2444

■ 55.6853, 0.2999,
0.3046

■ 0.0000, 0.0855,
0.0000

■ 75.0884, 0.3011,
0.3069

■ 0.0000, 0.0000,
0.0000

■ 98.5444, 0.3021,
0.3088

126.4375, 0.3030,

0.3103

159.1523, 0.3037,
0.3117

■ 10.9135, 0.2905,
0.2878

■ 10.9135, 0.2905,
0.2878

■ 8.7102, 0.2748,
0.2592

■ 13.4524, 0.3045,
0.3137

■ 6.8270, 0.2574,
0.2283

■ 16.3387, 0.3168,
0.3367

■ 5.2496, 0.2389,
0.1959

■ 19.5853, 0.3275,
0.3571

■ 3.9616, 0.2199,
0.1634

■ 23.2040, 0.3368,
0.3749

■ 2.9454, 0.2013,
0.1326

■ 27.2062, 0.3447,
0.3905

■ 2.1813, 0.1843,
0.1055

■ 31.6026, 0.3515,
0.4041

■ 1.6471, 0.1702,
0.0841

■ 36.4037, 0.3574,
0.4159

■ 1.2929, 0.1595,
0.0686

■ 41.6195, 0.3625,
0.4262

■ 1.1833, 0.1563,
0.0635

■ 47.2596, 0.3669,
0.4352

Harmonies

Analogous

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



10.9135, 0.2726, 0.2897



10.9135, 0.2905, 0.2878



10.9135, 0.3149, 0.2960

Triad

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



10.9135, 0.2905, 0.2878



10.9135, 0.3625, 0.3532



10.9135, 0.2857, 0.3464

Complementary

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



10.9135, 0.2905, 0.2878



14.8152, 0.3331, 0.3678

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.



10.9135, 0.3090, 0.3655



10.9135, 0.2905, 0.2878



10.9135, 0.3537, 0.3685

Square

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



10.9135, 0.2905, 0.2878



10.9135, 0.3573, 0.3327



10.9135, 0.3339, 0.3736



10.9135, 0.2700, 0.3226

Rectangle

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



10.9135, 0.2905, 0.2878



10.9135, 0.3318, 0.3060



10.9135, 0.3339, 0.3736



10.9135, 0.2929, 0.3536

Sweetspot

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



10.9140, 0.2905, 0.2878



24.7624, 0.3063, 0.3170



13.8835, 0.2891, 0.3249



5.7026, 0.3056, 0.3157



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.9140, 0.2905, 0.2878



17.8777, 0.2843, 0.2765



11.3991, 0.3035, 0.2894



3.0399, 0.3013, 0.3076



1.3778, 0.1559, 0.0632



6.8181, 0.1532, 0.0618

Inverse Universe

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



11.7941, 0.3174, 0.2948



19.7926, 0.3187, 0.2862



14.2982, 0.3207, 0.3693



3.1584, 0.3152, 0.3107



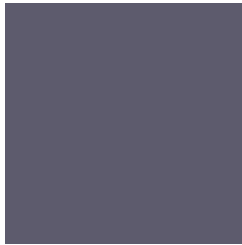
4.8062, 0.3499, 0.1701



24.4101, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 10.9135, 0.2905, 0.2878 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 10.9135, 0.2905, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

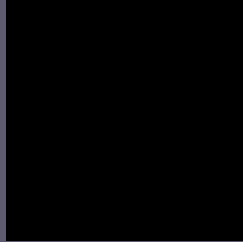
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

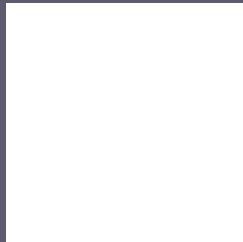
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.9135, 0.2905, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 10.9135, 0.2905, 0.2878.

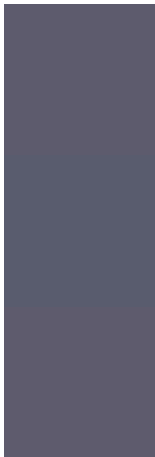


This preview shows how white text looks on a background with the Yxy color 10.9135, 0.2905, 0.2878.

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

10.9135, 0.2905, 0.2878

Protanopia

10.9039, 0.2835, 0.2873

Deuteranopia

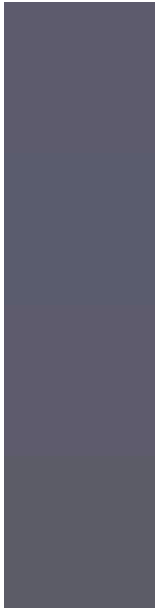
10.9660, 0.2919, 0.2880



Tritanopia

10.9729, 0.2998, 0.3124

Trichromacy



Original Color

10.9135, 0.2905, 0.2878

Protanomaly

10.9537, 0.2849, 0.2875

Deuteranomaly

10.9660, 0.2919, 0.2880

Tritanomaly

10.9089, 0.2971, 0.3033

Monochromacy



Original Color

10.9135, 0.2905, 0.2878

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1092, 0.3057, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9135, 0.2905, 0.2878 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(93, 91, 109) looks like.

```
.text, #text, p{  
    color:rgb(93, 91, 109)  
}
```

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(93, 91, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 91, 109) }
```

Border

The CSS property to change the border of an element to Yxy 10.9135, 0.2905, 0.2878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

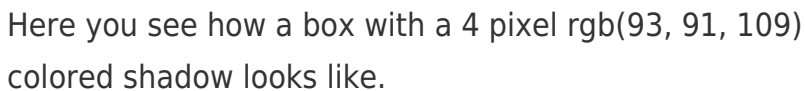
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 91, 109) }
```

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

```
.border{ border-color:rgb(93, 91, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 91, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 91, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 91, 109);  
box-shadow:4px 4px 4px 4px rgb(93, 91,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9135, 0.2905, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 91, 109) }
```

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

```
.background{ background-color: rgb(93, 91,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor