

Converting Colors

$Y_{xy}(25.4433, 0.3009, 0.2710)$

Have a look what the booklet for
Yxy(25.4433, 0.3009, 0.2710)
contains.

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Color

Yxy(25.3606, 0.3011, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	9A81A7
RGB	154, 129, 167
RGB Percent	60%, 51%, 65%
CMY	0.3962, 0.4940, 0.3451
CMYK	0.08, 0.23, 0.00, 0.35
HSL	279°, 18%, 58%
HSV	279°, 23%, 65%
XYZ	28.1462, 25.3606, 39.9712
YIQ	140.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

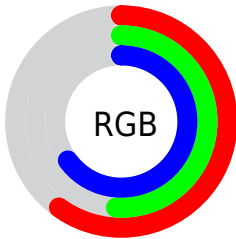
Format	Color
RYB	154, 129, 167
Decimal	10125735
CIELab	57.43, 16.78, -16.61
CIELCh	57, 23.613, 315.297
Yxy	25.3606, 0.3011, 0.2713
Android (android.graphics.Color)	4288315815 (0xFF9A81A7)
YUV	140.8070, 12.9131, 11.5703
Hunter-Lab	50.3593, 11.6364, -11.8082

Details

The Yxy color **25.3606, 0.3011, 0.2713** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.9794, 0.3219, 0.3890**, and the grayscale version is **26.5036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2851, 0.3043, 0.2830**, and **9.8587, 0.2969, 0.2532** is the 20% darker color. If you saturate the color by 10%, you get **20.7660, 0.2946, 0.2441**, and if you desaturate by 10%, it is **30.7033, 0.3068, 0.2976**.

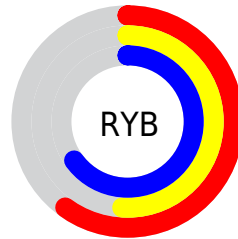
Distribution



Red (60%)

Green (51%)

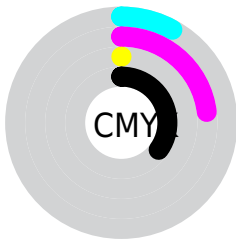
Blue (65%)



Red (60%)

Yellow (51%)

Blue (65%)

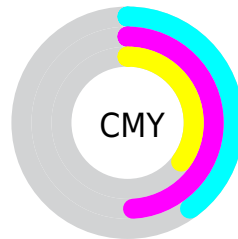


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (40%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3606, 0.3011, 0.2713 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 25.3606, 0.3011, 0.2713 by changing the saturation by 10% instead.


 25.3606, 0.3011,
0.2713


 25.3606, 0.3011,
0.2713


279.6290, 0.3079,
0.3018


 16.3459, 0.2990,
0.2631


 52.2416, 0.3038,
0.2828

 9.7693, 0.2961,
0.2523


 70.8767, 0.3048,
0.2870

 5.2462, 0.2917,
0.2372


 93.4875, 0.3055,
0.2905

 2.3925, 0.2844,
0.2150

120.4582, 0.3062,
0.2935

 0.8220, 0.2708,
0.1793

152.1733, 0.3067,
0.2960

 0.0000, 0.1402,
0.0000

189.0173, 0.3072,

 0.0000, 0.0000,

0.2982

0.0000

231.3743, 0.3075,
0.3001

■ 25.3606, 0.3011,
0.2713

■ 25.3606, 0.3011,
0.2713

■ 20.7660, 0.2946,
0.2441

■ 30.7033, 0.3068,
0.2976

■ 16.8810, 0.2871,
0.2167

■ 36.8238, 0.3115,
0.3225

■ 13.6685, 0.2789,
0.1902

■ 43.7539, 0.3155,
0.3456

■ 11.0867, 0.2701,
0.1657

■ 51.5230, 0.3188,
0.3668

■ 9.0889, 0.2610,
0.1443

■ 60.1586, 0.3215,
0.3862

7.6218, 0.2518,
0.1271

69.6873, 0.3237,
0.4037

6.6219, 0.2429,
0.1147

80.1343, 0.3254,
0.4194

6.0840, 0.2366,
0.1077

86.5656, 0.3279,
0.4268

87.3690, 0.3316,
0.4256

Harmonies

Analogous

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



25.3606, 0.2654, 0.2634



25.3606, 0.3011, 0.2713



25.3606, 0.3423, 0.2922

Triad

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



25.3606, 0.3011, 0.2713



25.3606, 0.3860, 0.3839



25.3606, 0.2518, 0.3314

Complementary

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



25.3606, 0.3011, 0.2713



34.9794, 0.3219, 0.3890

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.



25.3606, 0.2811, 0.3703



25.3606, 0.3011, 0.2713



25.3606, 0.3588, 0.4006

Square

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



25.3606, 0.3011, 0.2713



25.3606, 0.3931, 0.3548



25.3606, 0.3201, 0.3966



25.3606, 0.2385, 0.2950

Rectangle

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



25.3606, 0.3011, 0.2713



25.3606, 0.3669, 0.3113



25.3606, 0.3201, 0.3966



25.3606, 0.2600, 0.3448

Sweetspot

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



25.3617, 0.3011, 0.2713



60.9688, 0.3095, 0.3118



26.8977, 0.2768, 0.2891



13.5053, 0.3093, 0.3104



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.3617, 0.3011, 0.2713



41.3525, 0.2981, 0.2585



26.5049, 0.3213, 0.2816



7.5358, 0.3085, 0.3064



4.6833, 0.2374, 0.1082



0.1406, 0.2660, 0.1239

Inverse Universe

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



25.8757, 0.3428, 0.3093



42.4720, 0.3510, 0.3050



34.0478, 0.3051, 0.3816



7.5832, 0.3234, 0.3213



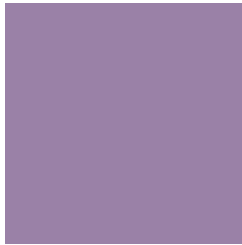
6.5236, 0.5559, 0.2836



0.1683, 0.4658, 0.2340

Previews

White Background



This preview shows how the Yxy color 25.3606, 0.3011, 0.2713 looks on a white background.

Color Contrast Check

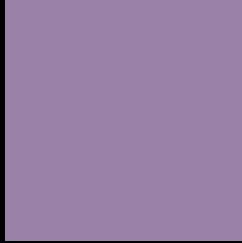
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.3606, 0.3011, 0.2713 looks on a black 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

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

Yxy 25.3606, 0.3011, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 25.3606, 0.3011, 0.2713.



This preview shows how white text looks on a background with the Yxy color 25.3606, 0.3011, 0.2713.

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

25.3606, 0.3011, 0.2713

Protanopia

25.5370, 0.2719, 0.2728

Deuteranopia

25.4844, 0.2856, 0.2796



Tritanopia

25.2727, 0.3203, 0.3114

Trichromacy



Original Color

25.3606, 0.3011, 0.2713

Protanomaly

25.3557, 0.2819, 0.2722

Deuteranomaly

25.4575, 0.2916, 0.2773

Tritanomaly

25.3488, 0.3131, 0.2974

Monochromacy



Original Color

25.3606, 0.3011, 0.2713

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2043, 0.3093, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3606, 0.3011, 0.2713 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(154, 129, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 129, 167)  
}
```

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(154, 129, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 129, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.3606, 0.3011, 0.2713 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(154, 129, 167) }
```

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

```
.border{ border-color:rgb(154, 129, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 129, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 129, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 129, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 129,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3606, 0.3011, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 129, 167) }
```

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

```
.background{ background-color: rgb(154,  
129, 167) }
```

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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