

Converting Colors

$Y_{xy}(45.1243, 0.2868, 0.3064)$

Have a look what the booklet for
Yxy(45.1243, 0.2868, 0.3064)
contains.

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Color

Yxy(45.1243, 0.2868, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	A5B5C6
RGB	165, 181, 198
RGB Percent	65%, 71%, 78%
CMY	0.3528, 0.2902, 0.2235
CMYK	0.17, 0.09, 0.00, 0.22
HSL	211°, 22%, 71%
HSV	211°, 17%, 78%
XYZ	42.2378, 45.1243, 59.9105
YIQ	178.1540, -14.9930, 1.8950

Conversions

Conversions Part 2

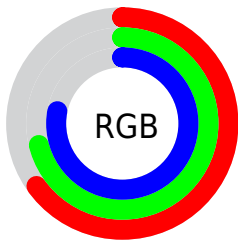
Format	Color
R _Y B	165, 176, 198
Decimal	10859974
CIE Lab	72.97, -1.95, -10.48
CIE LCh	73, 10.664, 259.454
Yxy	45.1243, 0.2868, 0.3064
Android (android.graphics.Color)	4289050054 (0xFFA5B5C6)
YUV	178.1540, 9.7841, -11.5361
Hunter-Lab	67.1746, -5.3192, -5.8562

Details

The Yxy color **45.1243, 0.2868, 0.3064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1921, 0.3406, 0.3506**, and the grayscale version is **44.5627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0040, 0.2912, 0.3104**, and **20.9627, 0.2798, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **39.1631, 0.2705, 0.2908**, and if you desaturate by 10%, it is **51.7223, 0.3026, 0.3205**.

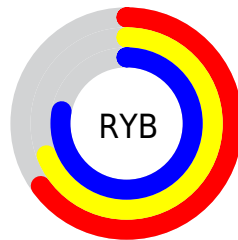
Distribution



Red (65%)

Green (71%)

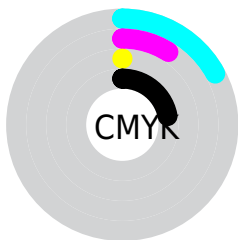
Blue (78%)



Red (65%)

Yellow (69%)

Blue (78%)

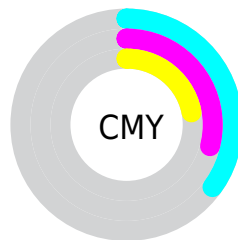


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1243, 0.2868, 0.3064 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 45.1243, 0.2868, 0.3064 by changing the saturation by 10% instead.

■ 45.1243, 0.2868,
0.3064

■ 45.1243, 0.2868,
0.3064

■ 367.2767, 0.2997,
0.3178

■ 31.5553, 0.2836,
0.3035

■ 82.9069, 0.2915,
0.3105

■ 21.0221, 0.2794,
0.2999

■ 107.8893, 0.2933,
0.3121

■ 13.1402, 0.2739,
0.2950

■ 137.4451, 0.2948,
0.3134

■ 7.5251, 0.2663,
0.2881

■ 171.9585, 0.2960,
0.3145

■ 3.7926, 0.2549,
0.2778

■ 211.8139, 0.2972,
0.3155

■ 1.5582, 0.2364,
0.2608

■ 257.3959, 0.2981,

■ 0.3292, 0.1568,

0.3164

0.1946

309.0887, 0.2990,
0.3171

0.0000, 0.0000,
0.0000

45.1243, 0.2868,
0.3064

45.1243, 0.2868,
0.3064

39.1631, 0.2705,
0.2908

51.7223, 0.3026,
0.3205

33.8115, 0.2541,
0.2738

58.9719, 0.3177,
0.3330

29.0485, 0.2379,
0.2555

66.8942, 0.3320,
0.3442

24.8493, 0.2225,
0.2361

75.5079, 0.3454,
0.3540

21.1873, 0.2082,
0.2161

83.0781, 0.3513,
0.3634

■ 18.0329, 0.1958,
0.1960

■ 88.9960, 0.3491,
0.3732

■ 15.3523, 0.1856,
0.1764

■ 95.2534, 0.3471,
0.3827

■ 13.1036, 0.1778,
0.1578

■ 96.8573, 0.3466,
0.3850

■ 12.4247, 0.1755,
0.1518

Harmonies

Analogous

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



45.1243, 0.2838, 0.3154



45.1243, 0.2868, 0.3064



45.1243, 0.2966, 0.3035

Triad

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



45.1243, 0.2868, 0.3064



45.1243, 0.3377, 0.3287



45.1243, 0.3140, 0.3522

Complementary

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



45.1243, 0.2868, 0.3064



48.1921, 0.3406, 0.3506

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.



45.1243, 0.3286, 0.3555



45.1243, 0.2868, 0.3064



45.1243, 0.3425, 0.3415

Square

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



45.1243, 0.2868, 0.3064



45.1243, 0.3260, 0.3163



45.1243, 0.3391, 0.3514



45.1243, 0.2993, 0.3422

Rectangle

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



45.1243, 0.2868, 0.3064



45.1243, 0.3058, 0.3053



45.1243, 0.3391, 0.3514



45.1243, 0.3191, 0.3541

Sweetspot

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



45.1262, 0.2868, 0.3064



93.5381, 0.3050, 0.3226



51.7487, 0.2990, 0.3508



19.8318, 0.3039, 0.3216



0.0000, 0.0000, 0.0000



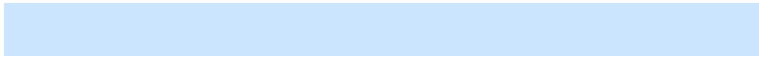
21.4041, 0.3127, 0.3290

Same Dimension

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



45.1262, 0.2868, 0.3064



75.9307, 0.2809, 0.3009



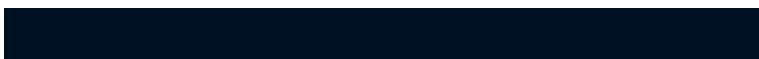
38.9990, 0.2858, 0.2845



11.1211, 0.2983, 0.3168



8.2498, 0.1762, 0.1542



0.5355, 0.1869, 0.1929

Inverse Universe

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



42.2618, 0.3295, 0.3088



70.0862, 0.3339, 0.3042



55.1129, 0.3375, 0.3699



10.7211, 0.3215, 0.3179



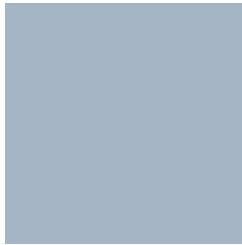
8.3728, 0.5006, 0.2531



0.4111, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 45.1243, 0.2868, 0.3064 looks on a white background.

Color Contrast Check

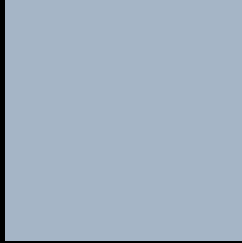
Large Text (above 18pt) WCAG AA × Fail

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 45.1243, 0.2868, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

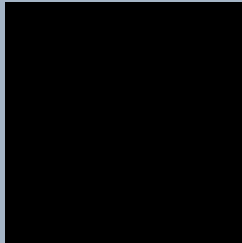
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

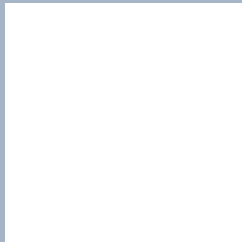
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1243, 0.2868, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 45.1243, 0.2868, 0.3064.



This preview shows how white text looks on a background with the Yxy color 45.1243, 0.2868, 0.3064.

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

45.1243, 0.2868, 0.3064

Protanopia

45.1734, 0.2978, 0.3056

Deuteranopia

44.9604, 0.3038, 0.2974



Tritanopia

45.0326, 0.2882, 0.3090

Trichromacy



Original Color

45.1243, 0.2868, 0.3064

Protanomaly

45.1557, 0.2938, 0.3054

Deuteranomaly

45.1515, 0.2971, 0.3007

Tritanomaly

45.0783, 0.2875, 0.3077

Monochromacy



Original Color

45.1243, 0.2868, 0.3064

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6272, 0.3029, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1243, 0.2868, 0.3064 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(165, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 198)  
}
```

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(165, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.1243, 0.2868, 0.3064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

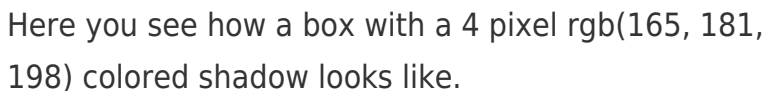
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 181, 198) }
```

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

```
.border{ border-color:rgb(165, 181, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 181, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 181, 198); box-shadow:4px 4px 4px 4px rgb(165, 181, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1243, 0.2868, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 198) }
```

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

```
.background{ background-color: rgb(165,  
181, 198) }
```

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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