

Converting Colors

$Y_{xy}(45.1980, 0.2986, 0.3096)$

Have a look what the booklet for
Yxy(45.1980, 0.2986, 0.3096)
contains.

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Color

Yxy(45.3653, 0.2985, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	B0B3C2
RGB	176, 179, 194
RGB Percent	69%, 70%, 76%
CMY	0.3097, 0.2981, 0.2392
CMYK	0.09, 0.08, 0.00, 0.24
HSL	230°, 13%, 73%
HSV	230°, 9%, 76%
XYZ	43.7671, 45.3653, 57.4911
YIQ	179.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

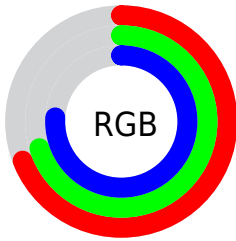
Format	Color
R_{YB}	176, 179, 194
Decimal	11580354
CIE Lab	73.13, 1.92, -7.97
CIE LCh	73, 8.202, 283.518
Yxy	45.3653, 0.2985, 0.3094
Android (android.graphics.Color)	4289770434 (0xFFB0B3C2)
YUV	179.8130, 6.9942, -3.3440
Hunter-Lab	67.3538, -1.8781, -3.4604

Details

The Yxy color `45.3653, 0.2985, 0.3094` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.8842, 0.3267, 0.3479`, and the grayscale version is `45.5038, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.4746, 0.3016, 0.3138`, and `21.0261, 0.2943, 0.3039` is the 20% darker color. If you saturate the color by 10%, you get `37.1484, 0.2816, 0.2856`, and if you desaturate by 10%, it is `54.6720, 0.3138, 0.3305`.

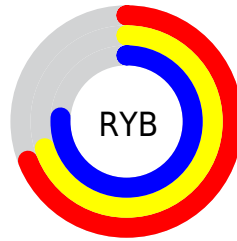
Distribution



Red (69%)

Green (70%)

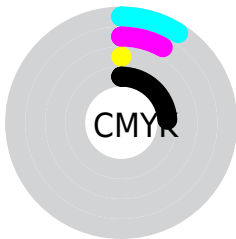
Blue (76%)



Red (69%)

Yellow (70%)

Blue (76%)

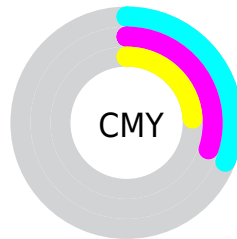


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3653, 0.2985, 0.3094 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 45.3653, 0.2985, 0.3094 by changing the saturation by 10% instead.

■ 45.3653, 0.2985,
0.3094

■ 45.3653, 0.2985,
0.3094

368.2510, 0.3056,
0.3192

■ 31.7453, 0.2967,
0.3070

■ 83.2683, 0.3011,
0.3130

■ 21.1670, 0.2944,
0.3038

108.3201, 0.3021,
0.3143

■ 13.2461, 0.2913,
0.2997

137.9512, 0.3029,
0.3154

■ 7.5982, 0.2870,
0.2939

172.5461, 0.3036,
0.3164

■ 3.8390, 0.2805,
0.2853

212.4891, 0.3042,
0.3172

■ 1.5839, 0.2696,
0.2711

258.1647, 0.3048,

■ 0.3467, 0.2270,

0.3180

0.2091

309.9572, 0.3052,
0.3186

0.0000, 0.0000,
0.0000

45.3653, 0.2985,
0.3094

45.3653, 0.2985,
0.3094

37.1484, 0.2816,
0.2856

54.6720, 0.3138,
0.3305

29.9757, 0.2634,
0.2592

65.1006, 0.3275,
0.3489

23.8066, 0.2441,
0.2304

76.6890, 0.3396,
0.3649

18.5959, 0.2243,
0.2000

89.4716, 0.3504,
0.3788

14.2946, 0.2051,
0.1691

96.6753, 0.3490,
0.3890

■ 10.8494, 0.1874,
0.1395

■ 8.2014, 0.1726,
0.1128

■ 6.2836, 0.1615,
0.0909

■ 5.0038, 0.1543,
0.0749

Harmonies

Analogous

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



45.3653, 0.2918, 0.3127



45.3653, 0.2985, 0.3094



45.3653, 0.3090, 0.3112

Triad

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



45.3653, 0.2985, 0.3094



45.3653, 0.3353, 0.3369



45.3653, 0.3045, 0.3409

Complementary

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



45.3653, 0.2985, 0.3094



51.8842, 0.3267, 0.3479

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.



45.3653, 0.3161, 0.3477



45.3653, 0.2985, 0.3094



45.3653, 0.3340, 0.3451

Square

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



45.3653, 0.2985, 0.3094



45.3653, 0.3304, 0.3269



45.3653, 0.3269, 0.3491



45.3653, 0.2953, 0.3308

Rectangle

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



45.3653, 0.2985, 0.3094



45.3653, 0.3169, 0.3150



45.3653, 0.3269, 0.3491



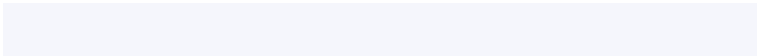
45.3653, 0.3083, 0.3436

Sweetspot

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



45.3672, 0.2985, 0.3094



92.4356, 0.3082, 0.3228



51.5815, 0.3007, 0.3328



19.9382, 0.3070, 0.3211



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.



45.3672, 0.2985, 0.3094



79.1978, 0.2954, 0.3051



44.9048, 0.3035, 0.3058



10.0106, 0.2983, 0.3092



3.3227, 0.1543, 0.0756



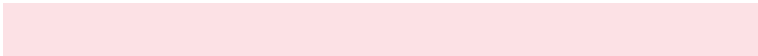
0.2294, 0.1646, 0.1124

Inverse Universe

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



45.7865, 0.3262, 0.3253



80.1293, 0.3293, 0.3245



52.4148, 0.3214, 0.3518



10.1044, 0.3264, 0.3252



7.6177, 0.6141, 0.3156



0.3378, 0.5576, 0.2845

Previews

White Background



This preview shows how the Yxy color 45.3653, 0.2985, 0.3094 looks on a white background.

Color Contrast Check

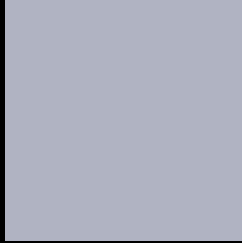
Large Text (above 18pt) WCAG AA × Fail

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 45.3653, 0.2985, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

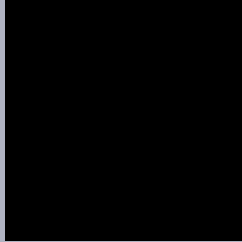
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

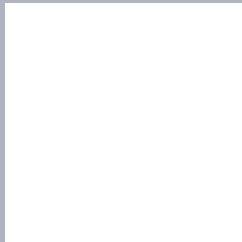
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3653, 0.2985, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 45.3653, 0.2985, 0.3094.

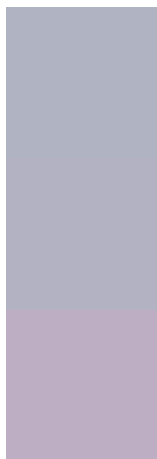


This preview shows how white text looks on a background with the Yxy color 45.3653, 0.2985, 0.3094.

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

45.3653, 0.2985, 0.3094

Protanopia

45.2008, 0.3001, 0.3082

Deuteranopia

45.1594, 0.3096, 0.3025



Tritanopia

45.3206, 0.2992, 0.3107

Trichromacy



Original Color

45.3653, 0.2985, 0.3094

Protanomaly

45.0829, 0.2993, 0.3081

Deuteranomaly

45.3051, 0.3053, 0.3047

Tritanomaly

45.3206, 0.2992, 0.3107

Monochromacy



Original Color

45.3653, 0.2985, 0.3094

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7290, 0.3079, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3653, 0.2985, 0.3094 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(176, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 194)  
}
```

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(176, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 45.3653, 0.2985, 0.3094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

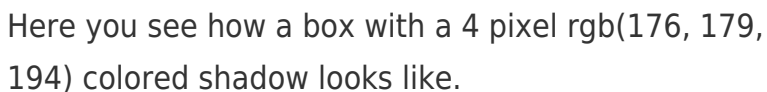
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 179, 194) }
```

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

```
.border{ border-color:rgb(176, 179, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 179, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 179, 194); box-shadow:4px 4px 4px 4px rgb(176, 179, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3653, 0.2985, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 194) }
```

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

```
.background{ background-color: rgb(176,  
179, 194) }
```

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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