

Converting Colors

$Y_{xy}(45.0101, 0.2858, 0.3073)$

Have a look what the booklet for
Yxy(45.0101, 0.2858, 0.3073)
contains.

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Color

Yxy(44.8655, 0.2859, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	A3B5C5
RGB	163, 181, 197
RGB Percent	64%, 71%, 77%
CMY	0.3609, 0.2901, 0.2274
CMYK	0.17, 0.08, 0.00, 0.23
HSL	208°, 23%, 71%
HSV	208°, 17%, 77%
XYZ	41.7004, 44.8655, 59.2907
YIQ	177.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

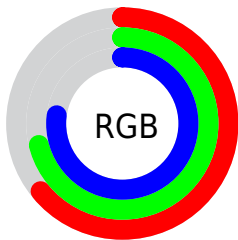
Format	Color
RYB	163, 175, 197
Decimal	10728901
CIELab	72.80, -2.84, -10.21
CIELCh	73, 10.599, 254.445
Yxy	44.8655, 0.2859, 0.3076
Android (android.graphics.Color)	4288918981 (0xFFA3B5C5)
YUV	177.4420, 9.6421, -12.6656
Hunter-Lab	66.9817, -6.0903, -5.5950

Details

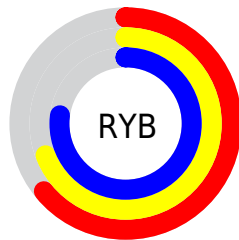
The Yxy color $44.8655, 0.2859, 0.3076$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.7366, 0.3421, 0.3495$, and the grayscale version is $44.1632, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6296, 0.2905, 0.3114$, and $20.8010, 0.2786, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $39.3079, 0.2699, 0.2934$, and if you desaturate by 10%, it is $51.0008, 0.3016, 0.3205$.

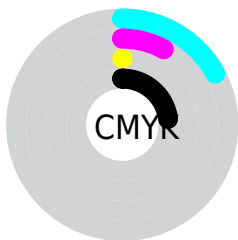
Distribution



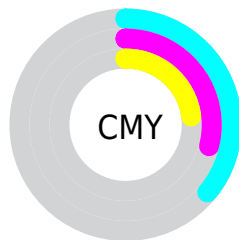
- Red (64%)
- Green (71%)
- Blue (77%)



- Red (64%)
- Yellow (69%)
- Blue (77%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8655, 0.2859, 0.3076 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 44.8655, 0.2859, 0.3076 by changing the saturation by 10% instead.

■ 44.8655, 0.2859,
0.3076

■ 44.8655, 0.2859,
0.3076

366.2286, 0.2993,
0.3184

■ 31.3515, 0.2826,
0.3049

■ 82.5185, 0.2908,
0.3115

■ 20.8667, 0.2783,
0.3014

■ 107.4264, 0.2926,
0.3130

■ 13.0266, 0.2726,
0.2967

136.9009, 0.2941,
0.3143

■ 7.4468, 0.2647,
0.2900

171.3266, 0.2955,
0.3153

■ 3.7431, 0.2529,
0.2801

211.0878, 0.2966,
0.3163

■ 1.5309, 0.2337,
0.2635

256.5690, 0.2976,

■ 0.3103, 0.1418,

0.3171

0.1951

308.1544, 0.2985,
0.3178

0.0000, 0.0000,
0.0000

44.8655, 0.2859,
0.3076

44.8655, 0.2859,
0.3076

39.3079, 0.2699,
0.2934

51.0008, 0.3016,
0.3205

34.3026, 0.2539,
0.2779

57.7268, 0.3168,
0.3320

29.8305, 0.2382,
0.2612

65.0632, 0.3312,
0.3423

25.8687, 0.2234,
0.2437

73.0269, 0.3449,
0.3513

22.3926, 0.2100,
0.2255

80.3874, 0.3530,
0.3598

■ 19.3745, 0.1983,
0.2072

■ 85.5955, 0.3510,
0.3687

■ 16.7831, 0.1888,
0.1892

■ 91.0799, 0.3491,
0.3775

■ 14.5767, 0.1816,
0.1719

■ 96.8117, 0.3472,
0.3860

■ 14.0257, 0.1798,
0.1673

Harmonies

Analogous

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



44.8655, 0.2842, 0.3174



44.8655, 0.2859, 0.3076



44.8655, 0.2946, 0.3037

Triad

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



44.8655, 0.2859, 0.3076



44.8655, 0.3360, 0.3265



44.8655, 0.3165, 0.3532

Complementary

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



44.8655, 0.2859, 0.3076



46.7366, 0.3421, 0.3495

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.



44.8655, 0.3307, 0.3552



44.8655, 0.2859, 0.3076



44.8655, 0.3421, 0.3394

Square

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



44.8655, 0.2859, 0.3076



44.8655, 0.3235, 0.3145



44.8655, 0.3401, 0.3500



44.8655, 0.3016, 0.3441

Rectangle

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



44.8655, 0.2859, 0.3076



44.8655, 0.3034, 0.3047



44.8655, 0.3401, 0.3500



44.8655, 0.3215, 0.3547

Sweetspot

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



44.8673, 0.2859, 0.3076



93.8994, 0.3050, 0.3231



50.9678, 0.2993, 0.3532



19.9196, 0.3039, 0.3223



0.0000, 0.0000, 0.0000



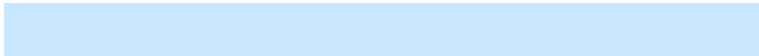
21.4041, 0.3127, 0.3290

Same Dimension

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



44.8673, 0.2859, 0.3076



76.2070, 0.2795, 0.3020



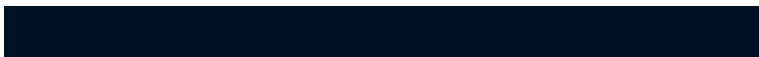
38.3983, 0.2848, 0.2843



11.2029, 0.2983, 0.3179



9.3929, 0.1804, 0.1695



0.5889, 0.1905, 0.2056

Inverse Universe

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



41.3882, 0.3288, 0.3061



68.9478, 0.3334, 0.3005



53.9380, 0.3386, 0.3701



10.7294, 0.3208, 0.3168



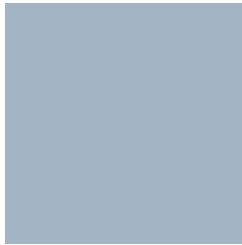
8.4882, 0.4813, 0.2425



0.4165, 0.4390, 0.2192

Previews

White Background



This preview shows how the Yxy color 44.8655, 0.2859, 0.3076 looks on a white background.

Color Contrast Check

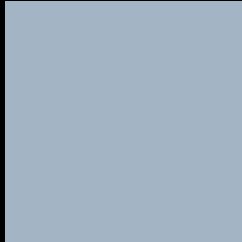
Large Text (above 18pt) WCAG AA × Fail

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 44.8655, 0.2859, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

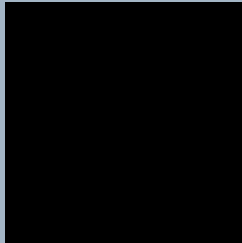
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

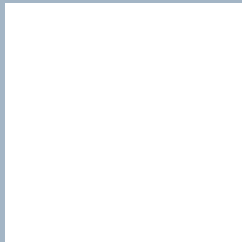
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8655, 0.2859, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 44.8655, 0.2859, 0.3076.



This preview shows how white text looks on a background with the Yxy color 44.8655, 0.2859, 0.3076.

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

44.8655, 0.2859, 0.3076

Protanopia

44.7315, 0.2985, 0.3056

Deuteranopia

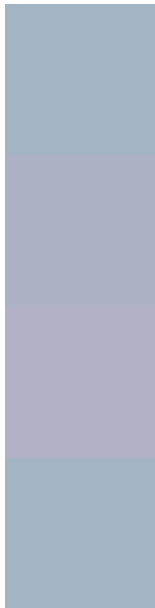
44.8347, 0.3030, 0.2973



Tritanopia

44.8198, 0.2867, 0.3089

Trichromacy



Original Color

44.8655, 0.2859, 0.3076

Protanomaly

44.5970, 0.2937, 0.3053

Deuteranomaly

44.9865, 0.2971, 0.3018

Tritanomaly

44.8198, 0.2867, 0.3089

Monochromacy



Original Color

44.8655, 0.2859, 0.3076

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0721, 0.3028, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8655, 0.2859, 0.3076 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(163, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 197)  
}
```

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(163, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.8655, 0.2859, 0.3076 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(163, 181, 197) }
```

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

```
.border{ border-color:rgb(163, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8655, 0.2859, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 197) }
```

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

```
.background{ background-color: rgb(163,  
181, 197) }
```

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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