

Converting Colors

$Yxy(57.5895, 0.2864, 0.3076)$

Have a look what the booklet for
Yxy(57.5895, 0.2864, 0.3076)
contains.

Yxy(57.4756, 0.2864, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4756, 0.2864, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	B7CADC
RGB	183, 202, 220
RGB Percent	72%, 79%, 86%
CMY	0.2824, 0.2078, 0.1372
CMYK	0.17, 0.08, 0.00, 0.14
HSL	209°, 35%, 79%
HSV	209°, 17%, 86%
XYZ	53.5666, 57.4756, 75.9920
YIQ	198.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

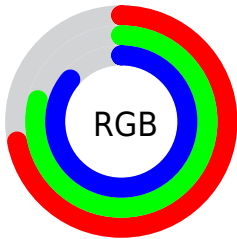
Format	Color
R _Y B	183, 196, 220
Decimal	12045020
CIE Lab	80.45, -2.71, -11.12
CIE LCh	80, 11.444, 256.291
Yxy	57.4756, 0.2864, 0.3073
Android (android.graphics.Color)	4290235100 (0xFFB7CADC)
YUV	198.3710, 10.6631, -13.4804
Hunter-Lab	75.8127, -6.5503, -6.3614

Details

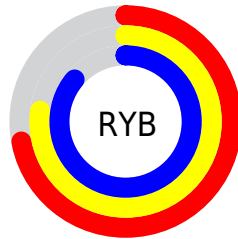
The Yxy color **57.4756, 0.2864, 0.3073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4104, 0.3413, 0.3498**, and the grayscale version is **56.6516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.6422, 0.2800, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **50.1382, 0.2702, 0.2925**, and if you desaturate by 10%, it is **65.5878, 0.3022, 0.3207**.

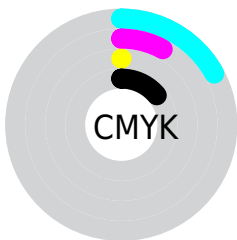
Distribution



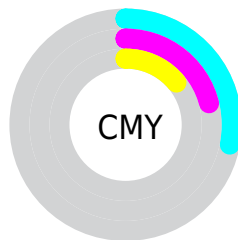
- Red (72%)
- Green (79%)
- Blue (86%)



- Red (72%)
- Yellow (77%)
- Blue (86%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4756, 0.2864, 0.3073 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 57.4756, 0.2864, 0.3073 by changing the saturation by 10% instead.

■ 57.4756, 0.2864,
0.3073

■ 57.4756, 0.2864,
0.3073

415.2291, 0.2990,
0.3178

■ 41.3872, 0.2834,
0.3048

■ 101.1588, 0.2909,
0.3110

■ 28.6218, 0.2797,
0.3016

129.5224, 0.2926,
0.3125

■ 18.7949, 0.2748,
0.2975

162.7466, 0.2940,
0.3137

■ 11.5222, 0.2683,
0.2919

201.2156, 0.2953,
0.3147

■ 6.4192, 0.2592,
0.2840

245.3140, 0.2964,
0.3156

■ 3.1016, 0.2453,
0.2719

295.4261, 0.2974,

■ 1.1850, 0.2222,

0.3164

0.2513

351.9363, 0.2982,
0.3172

0.0494, 0.0000,
0.0561

0.0000, 0.0000,
0.0000

57.4756, 0.2864,
0.3073

57.4756, 0.2864,
0.3073

50.1382, 0.2702,
0.2925

65.5878, 0.3022,
0.3207

43.5418, 0.2539,
0.2763

74.4928, 0.3175,
0.3326

37.6607, 0.2380,
0.2589

84.2166, 0.3319,
0.3433

32.4643, 0.2228,
0.2406

91.6210, 0.3347,
0.3535

■ 27.9193, 0.2090,
0.2216

■ 97.9482, 0.3333,
0.3631

■ 23.9890, 0.1971,
0.2025

■ 20.6312, 0.1873,
0.1838

■ 17.7937, 0.1800,
0.1659

■ 16.9775, 0.1779,
0.1605

Harmonies

Analogous

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



57.4756, 0.2842, 0.3168



57.4756, 0.2864, 0.3073



57.4756, 0.2955, 0.3038

Triad

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



57.4756, 0.2864, 0.3073



57.4756, 0.3365, 0.3274



57.4756, 0.3156, 0.3527

Complementary

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



57.4756, 0.2864, 0.3073



60.4104, 0.3413, 0.3498

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.



57.4756, 0.3298, 0.3552



57.4756, 0.2864, 0.3073



57.4756, 0.3421, 0.3401

Square

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



57.4756, 0.2864, 0.3073



57.4756, 0.3244, 0.3153



57.4756, 0.3396, 0.3504



57.4756, 0.3008, 0.3433

Rectangle

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



57.4756, 0.2864, 0.3073



57.4756, 0.3044, 0.3051



57.4756, 0.3396, 0.3504



57.4756, 0.3206, 0.3543

Sweetspot

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



57.4780, 0.2864, 0.3073



93.7681, 0.3050, 0.3229



65.4732, 0.2992, 0.3520



19.8877, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



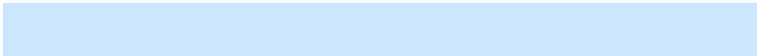
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4780, 0.2864, 0.3073



76.7581, 0.2810, 0.3025



49.3517, 0.2853, 0.2845



13.7176, 0.2982, 0.3173



10.1864, 0.1786, 0.1631



0.8323, 0.1867, 0.1920

Inverse Universe

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



53.3453, 0.3289, 0.3072



70.1697, 0.3328, 0.3027



69.5090, 0.3380, 0.3700



13.1626, 0.3212, 0.3171



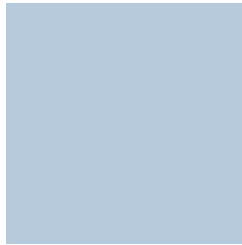
9.6521, 0.4892, 0.2469



0.6427, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 57.4756, 0.2864, 0.3073 looks on a white background.

Color Contrast Check

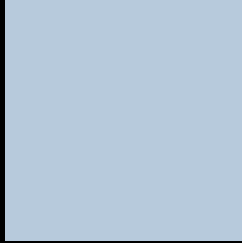
Large Text (above 18pt) WCAG AA × Fail

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 57.4756, 0.2864, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

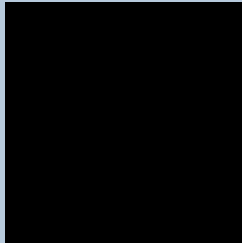
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

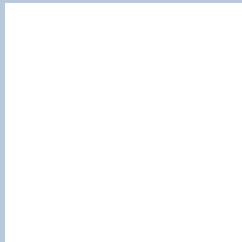
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4756, 0.2864, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 57.4756, 0.2864, 0.3073.



This preview shows how white text looks on a background with the Yxy color 57.4756, 0.2864, 0.3073.

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

57.4756, 0.2864, 0.3073

Protanopia

57.4559, 0.2985, 0.3055

Deuteranopia

57.2674, 0.3033, 0.2970



Tritanopia

57.3703, 0.2877, 0.3097

Trichromacy



Original Color

57.4756, 0.2864, 0.3073

Protanomaly

57.2988, 0.2941, 0.3053

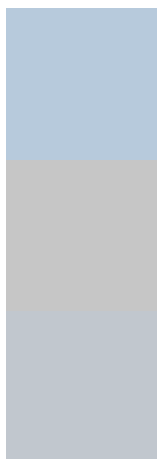
Deuteranomaly

57.2951, 0.2972, 0.3010

Tritanomaly

57.4228, 0.2871, 0.3085

Monochromacy



Original Color

57.4756, 0.2864, 0.3073

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6405, 0.3031, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4756, 0.2864, 0.3073 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(183, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 220)  
}
```

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(183, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 220) }
```

Border

The CSS property to change the border of an element to Yxy 57.4756, 0.2864, 0.3073 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(183, 202, 220) }
```

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

```
.border{ border-color:rgb(183, 202, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4756, 0.2864, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 220) }
```

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

```
.background{ background-color: rgb(183,  
202, 220) }
```

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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