

Converting Colors

$Yxy(49.0604, 0.2810, 0.3062)$

Have a look what the booklet for
Yxy(49.0604, 0.2810, 0.3062)
contains.

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Color

Yxy(48.8995, 0.2811, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	A5BDCF
RGB	165, 189, 207
RGB Percent	65%, 74%, 81%
CMY	0.3532, 0.2587, 0.1883
CMYK	0.20, 0.09, 0.00, 0.19
HSL	206°, 30%, 73%
HSV	206°, 20%, 81%
XYZ	44.9645, 48.8995, 66.0951
YIQ	183.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

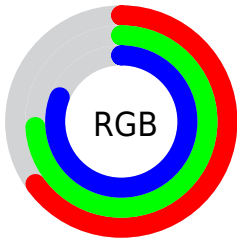
Format	Color
RYB	165, 180, 207
Decimal	10862031
CIELab	75.39, -4.32, -11.78
CIElCh	75, 12.544, 249.847
Yxy	48.8995, 0.2811, 0.3057
Android (android.graphics.Color)	4289052111 (0xFFA5BDCF)
YUV	183.8760, 11.4001, -16.5543
Hunter-Lab	69.9282, -7.5971, -7.0903

Details

The Yxy color **48.8995, 0.2811, 0.3057** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8020, 0.3486, 0.3512**, and the grayscale version is **47.7991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7405, 0.2914, 0.3187**, and **23.4189, 0.2728, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **43.1704, 0.2653, 0.2924**, and if you desaturate by 10%, it is **55.2237, 0.2968, 0.3178**.

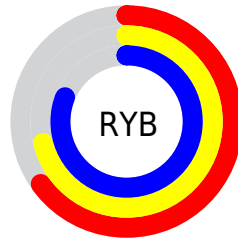
Distribution



Red (65%)

Green (74%)

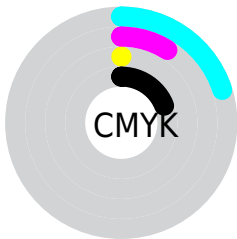
Blue (81%)



Red (65%)

Yellow (71%)

Blue (81%)

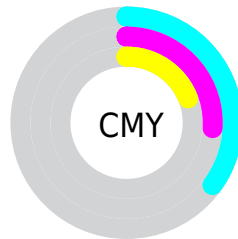


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8995, 0.2811, 0.3057 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 48.8995, 0.2811, 0.3057 by changing the saturation by 10% instead.

■ 48.8995, 0.2811,
0.3057

■ 48.8995, 0.2811,
0.3057

■ 382.3465, 0.2966,
0.3173

■ 34.5398, 0.2773,
0.3028

■ 88.5422, 0.2867,
0.3099

■ 23.3086, 0.2725,
0.2991

■ 114.5939, 0.2888,
0.3115

■ 14.8215, 0.2662,
0.2942

■ 145.3117, 0.2906,
0.3128

■ 8.6942, 0.2575,
0.2874

■ 181.0801, 0.2921,
0.3140

■ 4.5423, 0.2450,
0.2774

■ 222.2834, 0.2935,
0.3150

■ 1.9813, 0.2253,
0.2613

■ 269.3059, 0.2947,

■ 0.5966, 0.1758,

0.3159

0.2272

322.5322, 0.2957,
0.3166

0.0000, 0.0000,
0.0000

48.8995, 0.2811,
0.3057

48.8995, 0.2811,
0.3057

43.1704, 0.2653,
0.2924

55.2237, 0.2968,
0.3178

38.0091, 0.2497,
0.2780

62.1570, 0.3122,
0.3287

33.3947, 0.2347,
0.2627

69.7205, 0.3271,
0.3384

29.3023, 0.2209,
0.2465

77.9323, 0.3412,
0.3470

25.7047, 0.2085,
0.2300

84.1745, 0.3450,
0.3554

■ 22.5713, 0.1981,
0.2133

■ 89.3134, 0.3434,
0.3639

■ 19.8664, 0.1899,
0.1969

■ 94.7069, 0.3419,
0.3723

■ 17.5975, 0.1838,
0.1816

■ 97.2847, 0.3412,
0.3761

Harmonies

Analogous

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



48.8995, 0.2805, 0.3178



48.8995, 0.2811, 0.3057



48.8995, 0.2900, 0.3001

Triad

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



48.8995, 0.2811, 0.3057



48.8995, 0.3377, 0.3239



48.8995, 0.3197, 0.3578

Complementary

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



48.8995, 0.2811, 0.3057



49.8020, 0.3486, 0.3512

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.



48.8995, 0.3355, 0.3588



48.8995, 0.2811, 0.3057



48.8995, 0.3461, 0.3387

Square

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



48.8995, 0.2811, 0.3057



48.8995, 0.3225, 0.3106



48.8995, 0.3453, 0.3515



48.8995, 0.3024, 0.3485

Rectangle

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



48.8995, 0.2811, 0.3057



48.8995, 0.2995, 0.3006



48.8995, 0.3453, 0.3515



48.8995, 0.3254, 0.3591

Sweetspot

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



48.9015, 0.2811, 0.3057



93.1136, 0.3034, 0.3226



56.0100, 0.2984, 0.3609



19.7744, 0.3024, 0.3218



0.0000, 0.0000, 0.0000



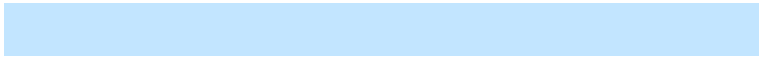
21.4041, 0.3127, 0.3290

Same Dimension

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



48.9015, 0.2811, 0.3057



74.6231, 0.2748, 0.3006



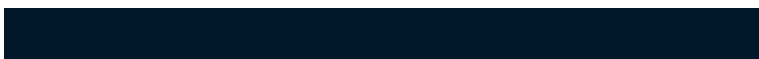
40.6608, 0.2793, 0.2781



12.5259, 0.2983, 0.3188



11.2791, 0.1844, 0.1838



0.7864, 0.1925, 0.2131

Inverse Universe

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



43.8230, 0.3307, 0.2996



65.4038, 0.3350, 0.2936



58.9209, 0.3439, 0.3753



11.9201, 0.3202, 0.3158



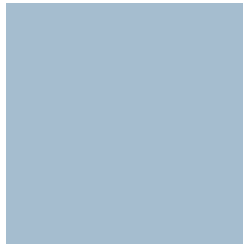
9.2099, 0.4640, 0.2330



0.5307, 0.4308, 0.2147

Previews

White Background



This preview shows how the Yxy color 48.8995, 0.2811, 0.3057 looks on a white background.

Color Contrast Check

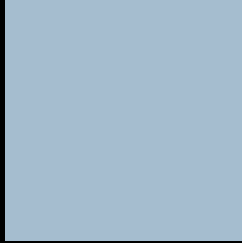
Large Text (above 18pt) WCAG AA × Fail

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 48.8995, 0.2811, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

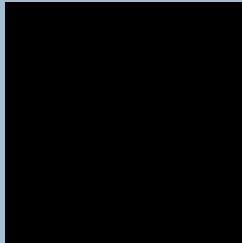
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

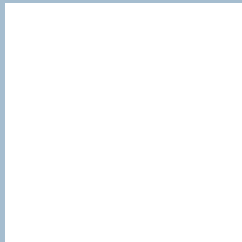
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8995, 0.2811, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 48.8995, 0.2811, 0.3057.



This preview shows how white text looks on a background with the Yxy color 48.8995, 0.2811, 0.3057.

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

48.8995, 0.2811, 0.3057

Protanopia

48.7079, 0.2967, 0.3039

Deuteranopia

48.8577, 0.3003, 0.2948



Tritanopia

48.6955, 0.2818, 0.3081

Trichromacy



Original Color

48.8995, 0.2811, 0.3057

Protanomaly

48.7557, 0.2906, 0.3048

Deuteranomaly

48.7801, 0.2931, 0.2990

Tritanomaly

48.7439, 0.2811, 0.3069

Monochromacy



Original Color

48.8995, 0.2811, 0.3057

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2707, 0.3008, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8995, 0.2811, 0.3057 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, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 207)  
}
```

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, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 207) }
```

Border

The CSS property to change the border of an element to Yxy 48.8995, 0.2811, 0.3057 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, 189, 207) }
```

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

```
.border{ border-color:rgb(165, 189, 207) }
```

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

Here you see how a box with a 4 pixel rgb(165, 189, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(165, 189,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8995, 0.2811, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 207) }
```

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

```
.background{ background-color: rgb(165,  
189, 207) }
```

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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