

Converting Colors

$Y_{xy}(50.2947, 0.2819, 0.3114)$

Have a look what the booklet for
Yxy(50.2947, 0.2819, 0.3114)
contains.

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Color

Yxy(50.1548, 0.2821, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	A5C0CE
RGB	165, 192, 206
RGB Percent	65%, 75%, 81%
CMY	0.3528, 0.2471, 0.1923
CMYK	0.20, 0.07, 0.00, 0.19
HSL	200°, 29%, 73%
HSV	200°, 20%, 81%
XYZ	45.5087, 50.1548, 65.6578
YIQ	185.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

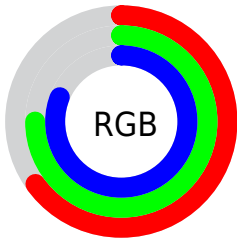
Format	Color
R _Y B	165, 181, 206
Decimal	10862798
CIE Lab	76.16, -6.10, -10.06
CIE LCh	76, 11.768, 238.787
Yxy	50.1548, 0.2821, 0.3109
Android (android.graphics.Color)	4289052878 (0xFFA5C0CE)
YUV	185.5230, 10.0952, -17.9987
Hunter-Lab	70.8201, -9.2316, -5.3941

Details

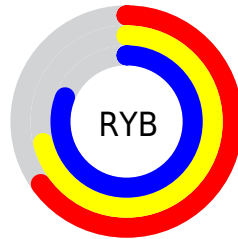
The Yxy color **50.1548, 0.2821, 0.3109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0772, 0.3485, 0.3464**, and the grayscale version is **48.7764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5704, 0.2915, 0.3218**, and **24.1770, 0.2732, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **45.1089, 0.2668, 0.3004**, and if you desaturate by 10%, it is **55.7080, 0.2976, 0.3205**.

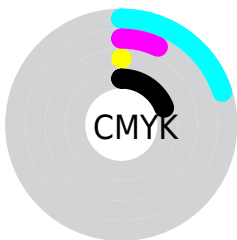
Distribution



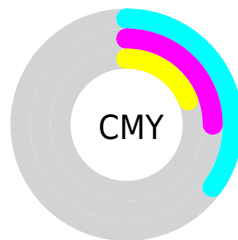
- Red (65%)
- Green (75%)
- Blue (81%)



- Red (65%)
- Yellow (71%)
- Blue (81%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1548, 0.2821, 0.3109 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 50.1548, 0.2821, 0.3109 by changing the saturation by 10% instead.

■ 50.1548, 0.2821,
0.3109

■ 50.1548, 0.2821,
0.3109

387.2710, 0.2971,
0.3200

■ 35.5364, 0.2785,
0.3086

■ 90.4042, 0.2875,
0.3142

■ 24.0764, 0.2738,
0.3057

■ 116.8040, 0.2895,
0.3154

■ 15.3903, 0.2678,
0.3019

147.8997, 0.2912,
0.3165

■ 9.0938, 0.2596,
0.2966

184.0757, 0.2927,
0.3174

■ 4.8024, 0.2476,
0.2886

225.7165, 0.2940,
0.3181

■ 2.1318, 0.2290,
0.2758

273.2064, 0.2952,

■ 0.6824, 0.1842,

0.3188

0.2515

326.9297, 0.2962,
0.3194

0.0000, 0.0000,
0.0000

50.1548, 0.2821,
0.3109

50.1548, 0.2821,
0.3109

45.1089, 0.2668,
0.3004

55.7080, 0.2976,
0.3205

40.5451, 0.2520,
0.2892

61.7801, 0.3129,
0.3291

36.4450, 0.2380,
0.2771

68.3902, 0.3279,
0.3368

32.7863, 0.2253,
0.2645

75.5541, 0.3424,
0.3437

29.5445, 0.2142,
0.2515

80.7344, 0.3468,
0.3505

■ 26.6918, 0.2050,
0.2384

■ 84.6620, 0.3455,
0.3573

■ 24.1956, 0.1978,
0.2254

■ 88.7485, 0.3442,
0.3641

■ 21.9984, 0.1924,
0.2126

■ 92.9957, 0.3430,
0.3708

■ 21.9729, 0.1924,
0.2124

■ 97.2350, 0.3418,
0.3771

Harmonies

Analogous

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



50.1548, 0.2845, 0.3238



50.1548, 0.2821, 0.3109



50.1548, 0.2877, 0.3032

Triad

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



50.1548, 0.2821, 0.3109



50.1548, 0.3313, 0.3193



50.1548, 0.3251, 0.3571

Complementary

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



50.1548, 0.2821, 0.3109



48.0772, 0.3485, 0.3464

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.



50.1548, 0.3381, 0.3550



50.1548, 0.2821, 0.3109



50.1548, 0.3418, 0.3330

Square

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



50.1548, 0.2821, 0.3109



50.1548, 0.3159, 0.3083



50.1548, 0.3443, 0.3461



50.1548, 0.3090, 0.3511

Rectangle

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



50.1548, 0.2821, 0.3109



50.1548, 0.2953, 0.3019



50.1548, 0.3443, 0.3461



50.1548, 0.3299, 0.3573

Sweetspot

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



50.1569, 0.2821, 0.3109



93.9263, 0.3034, 0.3239



55.3744, 0.3010, 0.3647



19.9667, 0.3024, 0.3233



0.0000, 0.0000, 0.0000



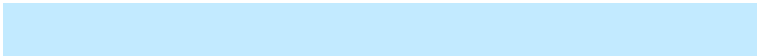
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1569, 0.2821, 0.3109



77.5731, 0.2753, 0.3064



41.9066, 0.2804, 0.2840



12.0571, 0.2983, 0.3209



13.7202, 0.1929, 0.2143



0.8452, 0.1998, 0.2393

Inverse Universe

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



43.8446, 0.3271, 0.2962



65.7016, 0.3309, 0.2886



56.7519, 0.3439, 0.3704



11.3361, 0.3189, 0.3138



9.1881, 0.4294, 0.2139



0.4879, 0.4030, 0.1994

Previews

White Background



This preview shows how the Yxy color 50.1548, 0.2821, 0.3109 looks on a white background.

Color Contrast Check

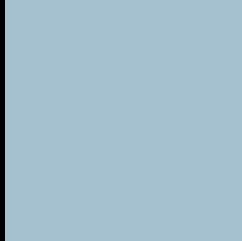
Large Text (above 18pt) WCAG AA × Fail

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 50.1548, 0.2821, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

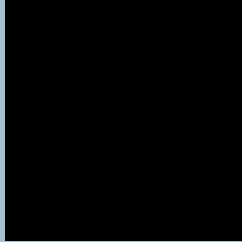
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

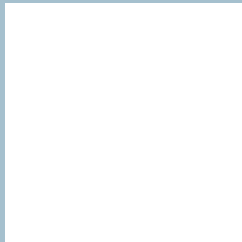
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1548, 0.2821, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 50.1548, 0.2821, 0.3109.



This preview shows how white text looks on a background with the Yxy color 50.1548, 0.2821, 0.3109.

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

50.1548, 0.2821, 0.3109

Protanopia

49.8212, 0.3006, 0.3090

Deuteranopia

49.7457, 0.3043, 0.2975



Tritanopia

50.2036, 0.2814, 0.3096

Trichromacy



Original Color

50.1548, 0.2821, 0.3109

Protanomaly

49.7432, 0.2936, 0.3100

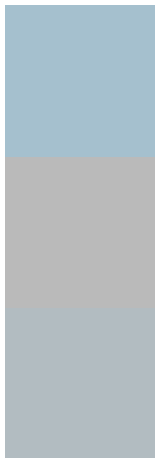
Deuteranomaly

49.9371, 0.2962, 0.3029

Tritanomaly

50.2036, 0.2814, 0.3096

Monochromacy



Original Color

50.1548, 0.2821, 0.3109

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2817, 0.3009, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1548, 0.2821, 0.3109 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, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 206)  
}
```

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, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 206) }
```

Border

The CSS property to change the border of an element to Yxy 50.1548, 0.2821, 0.3109 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, 192, 206) }
```

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

```
.border{ border-color:rgb(165, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1548, 0.2821, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 206) }
```

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

```
.background{ background-color: rgb(165,  
192, 206) }
```

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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