

Converting Colors

Yxy(50.7448, 0.2802, 0.3084)

Have a look what the booklet for
Yxy(50.7448, 0.2802, 0.3084)
contains.

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Color

Yxy(50.7427, 0.2802, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	A5C1D1
RGB	165, 193, 209
RGB Percent	65%, 76%, 82%
CMY	0.3528, 0.2432, 0.1804
CMYK	0.21, 0.08, 0.00, 0.18
HSL	202°, 32%, 73%
HSV	202°, 21%, 82%
XYZ	46.1028, 50.7427, 67.6898
YIQ	186.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

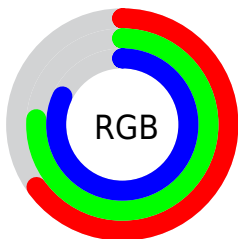
Format	Color
R _Y B	165, 182, 209
Decimal	10863057
CIE Lab	76.52, -5.95, -11.17
CIE LCh	77, 12.657, 241.961
Yxy	50.7427, 0.2802, 0.3084
Android (android.graphics.Color)	4289053137 (0xFFA5C1D1)
YUV	186.4520, 11.1162, -18.8134
Hunter-Lab	71.2339, -9.1336, -6.4764

Details

The Yxy color **50.7427, 0.2802, 0.3084** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.3464, 0.3507, 0.3487**, and the grayscale version is **49.3204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3435, 0.2921, 0.3229**, and **24.5675, 0.2709, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **45.4030, 0.2648, 0.2971**, and if you desaturate by 10%, it is **56.6262, 0.2957, 0.3187**.

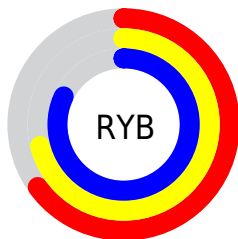
Distribution



Red (65%)

Green (76%)

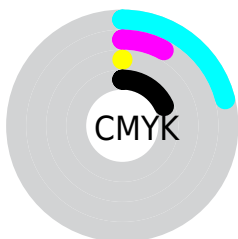
Blue (82%)



Red (65%)

Yellow (71%)

Blue (82%)

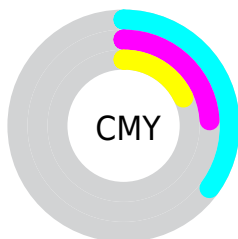


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7427, 0.2802, 0.3084 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 50.7427, 0.2802, 0.3084 by changing the saturation by 10% instead.

■ 50.7427, 0.2802,
0.3084

■ 50.7427, 0.2802,
0.3084

■ 389.5633, 0.2961,
0.3187

■ 36.0039, 0.2764,
0.3059

■ 91.2743, 0.2859,
0.3121

■ 24.4372, 0.2715,
0.3026

■ 117.8359, 0.2880,
0.3135

■ 15.6582, 0.2651,
0.2983

■ 149.1072, 0.2899,
0.3147

■ 9.2826, 0.2565,
0.2923

■ 185.4726, 0.2915,
0.3157

■ 4.9260, 0.2441,
0.2835

■ 227.3166, 0.2928,
0.3166

■ 2.2039, 0.2248,
0.2694

■ 275.0234, 0.2940,

■ 0.7221, 0.1825,

0.3174

0.2436

328.9775, 0.2951,
0.3181

0.0000, 0.0000,
0.0000

50.7427, 0.2802,
0.3084

50.7427, 0.2802,
0.3084

45.4030, 0.2648,
0.2971

56.6262, 0.2957,
0.3187

40.5804, 0.2498,
0.2849

63.0662, 0.3111,
0.3281

36.2552, 0.2357,
0.2719

70.0830, 0.3262,
0.3365

32.4036, 0.2228,
0.2583

77.6935, 0.3406,
0.3439

28.9992, 0.2116,
0.2443

83.0496, 0.3440,
0.3512

■ 26.0123, 0.2022,
0.2302

■ 87.4062, 0.3427,
0.3586

■ 23.4077, 0.1950,
0.2162

■ 91.9505, 0.3414,
0.3659

■ 21.3437, 0.1900,
0.2040

■ 96.6848, 0.3401,
0.3730

■ 97.3838, 0.3400,
0.3740

Harmonies

Analogous

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



50.7427, 0.2818, 0.3218



50.7427, 0.2802, 0.3084



50.7427, 0.2870, 0.3010

Triad

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



50.7427, 0.2802, 0.3084



50.7427, 0.3341, 0.3201



50.7427, 0.3242, 0.3588

Complementary

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



50.7427, 0.2802, 0.3084



49.3464, 0.3507, 0.3487

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.



50.7427, 0.3387, 0.3575



50.7427, 0.2802, 0.3084



50.7427, 0.3446, 0.3348

Square

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



50.7427, 0.2802, 0.3084



50.7427, 0.3179, 0.3079



50.7427, 0.3463, 0.3485



50.7427, 0.3069, 0.3516

Rectangle

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



50.7427, 0.2802, 0.3084



50.7427, 0.2955, 0.3001



50.7427, 0.3463, 0.3485



50.7427, 0.3295, 0.3594

Sweetspot

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



50.7448, 0.2802, 0.3084



93.7082, 0.3034, 0.3235



56.9215, 0.2998, 0.3661



19.9151, 0.3024, 0.3229



0.0000, 0.0000, 0.0000



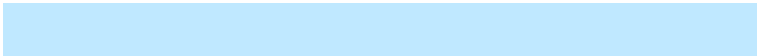
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7448, 0.2802, 0.3084



75.9169, 0.2736, 0.3037



41.9759, 0.2783, 0.2800



12.6526, 0.2983, 0.3203



13.3523, 0.1906, 0.2060



0.8947, 0.1975, 0.2311

Inverse Universe

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



44.3328, 0.3290, 0.2953



64.4443, 0.3330, 0.2882



58.7096, 0.3457, 0.3737



11.9329, 0.3193, 0.3143



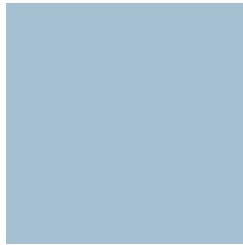
9.4192, 0.4386, 0.2190



0.5416, 0.4115, 0.2040

Previews

White Background



This preview shows how the Yxy color 50.7427, 0.2802, 0.3084 looks on a white background.

Color Contrast Check

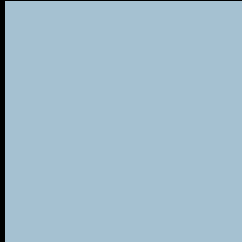
Large Text (above 18pt) WCAG AA × Fail

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 50.7427, 0.2802, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

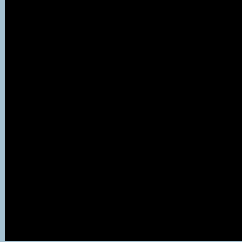
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

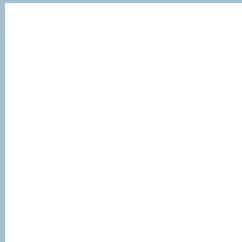
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7427, 0.2802, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 50.7427, 0.2802, 0.3084.



This preview shows how white text looks on a background with the Yxy color 50.7427, 0.2802, 0.3084.

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

50.7427, 0.2802, 0.3084

Protanopia

50.5132, 0.2992, 0.3067

Deuteranopia

50.3059, 0.3020, 0.2952



Tritanopia

50.6933, 0.2808, 0.3097

Trichromacy



Original Color

50.7427, 0.2802, 0.3084

Protanomaly

50.4351, 0.2923, 0.3076

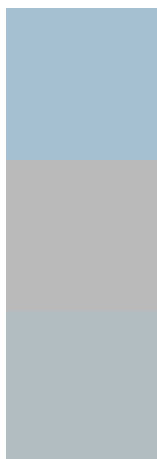
Deuteranomaly

50.5081, 0.2940, 0.3006

Tritanomaly

50.6933, 0.2808, 0.3097

Monochromacy



Original Color

50.7427, 0.2802, 0.3084

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7552, 0.3001, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7427, 0.2802, 0.3084 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, 193, 209)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 209)  
}
```

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, 193, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.7427, 0.2802, 0.3084 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, 193, 209) }
```

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

```
.border{ border-color:rgb(165, 193, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 193, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 209);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7427, 0.2802, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 209) }
```

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

```
.background{ background-color: rgb(165,  
193, 209) }
```

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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