

Converting Colors

Yxy(50.7444, 0.2808, 0.3098)

Have a look what the booklet for
Yxy(50.7444, 0.2808, 0.3098)
contains.

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Color

Yxy(50.6933, 0.2808, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	A5C1D0
RGB	165, 193, 208
RGB Percent	65%, 76%, 82%
CMY	0.3531, 0.2431, 0.1844
CMYK	0.21, 0.07, 0.00, 0.18
HSL	201°, 31%, 73%
HSV	201°, 21%, 82%
XYZ	45.9628, 50.6933, 67.0291
YIQ	186.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

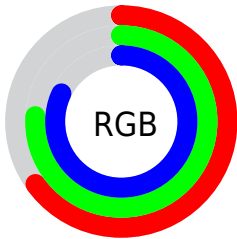
Format	Color
R _Y B	165, 182, 208
Decimal	10863056
CIE Lab	76.49, -6.22, -10.67
CIE LCh	76, 12.347, 239.757
Yxy	50.6933, 0.2808, 0.3097
Android (android.graphics.Color)	4289053136 (0xFFA5C1D0)
YUV	186.3380, 10.6794, -18.7134
Hunter-Lab	71.1992, -9.3676, -5.9779

Details

The Yxy color **50.6933, 0.2808, 0.3097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7335, 0.3502, 0.3475**, and the grayscale version is **49.2461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3435, 0.2921, 0.3229**, and **24.5340, 0.2717, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **45.5230, 0.2655, 0.2990**, and if you desaturate by 10%, it is **56.3869, 0.2963, 0.3195**.

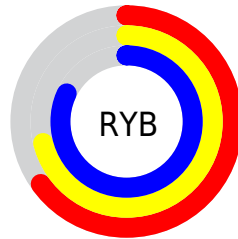
Distribution



Red (65%)

Green (76%)

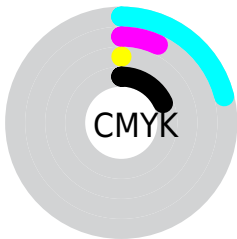
Blue (82%)



Red (65%)

Yellow (71%)

Blue (82%)

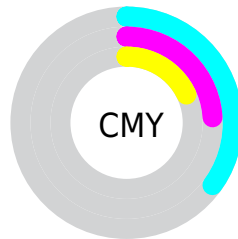


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6933, 0.2808, 0.3097 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 50.6933, 0.2808, 0.3097 by changing the saturation by 10% instead.

■ 50.6933, 0.2808,
0.3097

■ 50.6933, 0.2808,
0.3097

■ 389.3710, 0.2964,
0.3193

■ 35.9646, 0.2770,
0.3073

■ 91.2013, 0.2864,
0.3132

■ 24.4068, 0.2722,
0.3042

■ 117.7493, 0.2885,
0.3145

■ 15.6357, 0.2660,
0.3002

■ 149.0059, 0.2903,
0.3156

■ 9.2667, 0.2575,
0.2945

■ 185.3554, 0.2919,
0.3166

■ 4.9156, 0.2453,
0.2862

■ 227.1823, 0.2932,
0.3174

■ 2.1978, 0.2262,
0.2728

■ 274.8709, 0.2944,

■ 0.7188, 0.1835,

0.3181

0.2482

328.8057, 0.2954,
0.3188

0.0000, 0.0000,
0.0000

50.6933, 0.2808,
0.3097

50.6933, 0.2808,
0.3097

45.5230, 0.2655,
0.2990

56.3869, 0.2963,
0.3195

40.8500, 0.2507,
0.2874

62.6161, 0.3117,
0.3284

36.6552, 0.2367,
0.2750

69.4004, 0.3267,
0.3364

32.9156, 0.2240,
0.2621

76.7563, 0.3412,
0.3435

29.6055, 0.2129,
0.2488

81.9584, 0.3450,
0.3504

■ 26.6961, 0.2038,
0.2354

■ 86.0505, 0.3437,
0.3575

■ 24.1533, 0.1967,
0.2221

■ 90.3114, 0.3425,
0.3644

■ 22.0611, 0.1917,
0.2100

■ 94.7431, 0.3413,
0.3713

■ 97.3335, 0.3406,
0.3751

Harmonies

Analogous

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



50.6933, 0.2830, 0.3231



50.6933, 0.2808, 0.3097



50.6933, 0.2869, 0.3019

Triad

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



50.6933, 0.2808, 0.3097



50.6933, 0.3326, 0.3193



50.6933, 0.3251, 0.3583

Complementary

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



50.6933, 0.2808, 0.3097



48.7335, 0.3502, 0.3475

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.



50.6933, 0.3389, 0.3564



50.6933, 0.2808, 0.3097



50.6933, 0.3434, 0.3336

Square

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



50.6933, 0.2808, 0.3097



50.6933, 0.3166, 0.3077



50.6933, 0.3457, 0.3472



50.6933, 0.3082, 0.3518

Rectangle

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



50.6933, 0.2808, 0.3097



50.6933, 0.2949, 0.3007



50.6933, 0.3457, 0.3472



50.6933, 0.3302, 0.3586

Sweetspot

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



50.6954, 0.2808, 0.3097



93.8641, 0.3034, 0.3238



56.3671, 0.3005, 0.3664



19.9519, 0.3024, 0.3232



0.0000, 0.0000, 0.0000



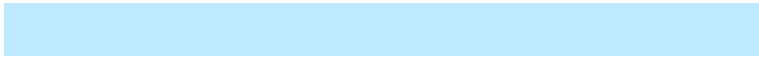
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6954, 0.2808, 0.3097



76.5076, 0.2737, 0.3049



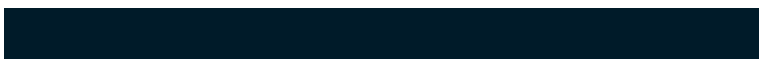
42.0992, 0.2790, 0.2819



12.6859, 0.2983, 0.3207



13.9381, 0.1922, 0.2118



0.9247, 0.1988, 0.2358

Inverse Universe

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



44.1514, 0.3280, 0.2951



64.5039, 0.3322, 0.2872



57.8106, 0.3453, 0.3721



11.9363, 0.3190, 0.3140



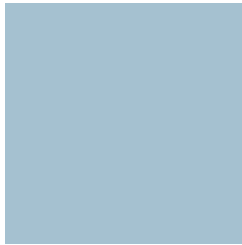
9.4783, 0.4321, 0.2154



0.5446, 0.4066, 0.2014

Previews

White Background



This preview shows how the Yxy color 50.6933, 0.2808, 0.3097 looks on a white background.

Color Contrast Check

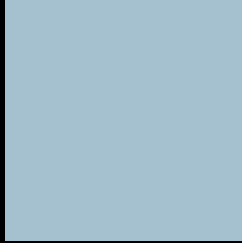
Large Text (above 18pt) WCAG AA × Fail

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 50.6933, 0.2808, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

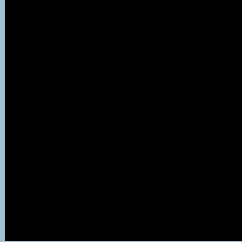
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

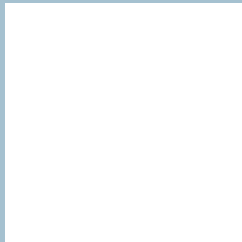
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6933, 0.2808, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 50.6933, 0.2808, 0.3097.



This preview shows how white text looks on a background with the Yxy color 50.6933, 0.2808, 0.3097.

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

50.6933, 0.2808, 0.3097

Protanopia

50.4651, 0.2999, 0.3079

Deuteranopia

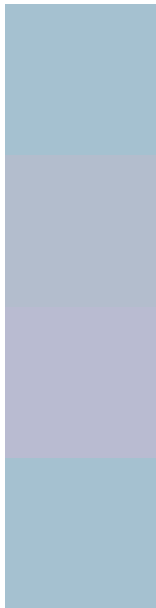
50.3904, 0.3036, 0.2965



Tritanopia

50.6933, 0.2808, 0.3097

Trichromacy



Original Color

50.6933, 0.2808, 0.3097

Protanomaly

50.3867, 0.2930, 0.3088

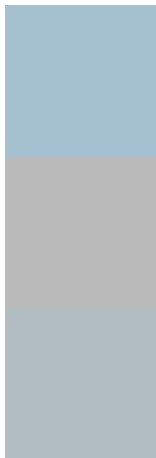
Deuteranomaly

50.4584, 0.2948, 0.3018

Tritanomaly

50.6933, 0.2808, 0.3097

Monochromacy



Original Color

50.6933, 0.2808, 0.3097

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 50.6933, 0.2808, 0.3097 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 50.6933, 0.2808, 0.3097 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, 208) }
```

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

```
.border{ border-color:rgb(165, 193, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6933, 0.2808, 0.3097 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, 208) }
```

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

```
.background{ background-color: rgb(165,  
193, 208) }
```

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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