

Converting Colors

Yxy(50.9958, 0.2499, 0.2807)

Have a look what the booklet for
Yxy(50.9958, 0.2499, 0.2807)
contains.

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Color

Yxy(50.9958, 0.2499, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	8CC4EA
RGB	140, 196, 234
RGB Percent	55%, 77%, 92%
CMY	0.4511, 0.2313, 0.0824
CMYK	0.40, 0.16, 0.00, 0.08
HSL	204°, 69%, 73%
HSV	204°, 40%, 92%
XYZ	45.4003, 50.9958, 85.2776
YIQ	183.5880, -45.5740, -0.0540

Conversions

Conversions Part 2

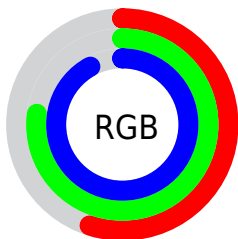
Format	Color
RYB	140, 175, 234
Decimal	9225450
CIELab	76.68, -8.62, -24.57
CIELCh	77, 26.036, 250.671
Yxy	50.9958, 0.2499, 0.2807
Android (android.graphics.Color)	4287415530 (0xFF8CC4EA)
YUV	183.5880, 24.8531, -38.2267
Hunter-Lab	71.4113, -11.4873, -20.8147

Details

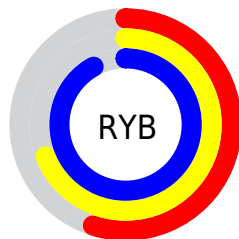
The Yxy color **50.9958, 0.2499, 0.2807** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.1999, 0.3966, 0.3722**, and the grayscale version is **47.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3409, 0.2787, 0.3268**, and **24.4916, 0.2341, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **45.0468, 0.2351, 0.2661**, and if you desaturate by 10%, it is **57.6494, 0.2654, 0.2944**.

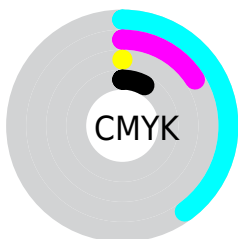
Distribution



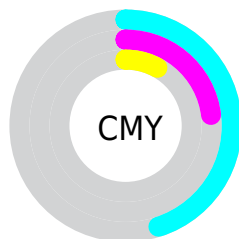
- Red (55%)
- Green (77%)
- Blue (92%)



- Red (55%)
- Yellow (69%)
- Blue (92%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9958, 0.2499, 0.2807 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 50.9958, 0.2499, 0.2807 by changing the saturation by 10% instead.

■ 50.9958, 0.2499,
0.2807

■ 50.9958, 0.2499,
0.2807

390.5475, 0.2801,
0.3045

■ 36.2053, 0.2428,
0.2749

■ 91.6486, 0.2606,
0.2893

■ 24.5928, 0.2339,
0.2676

■ 118.2796, 0.2646,
0.2925

■ 15.7739, 0.2225,
0.2580

149.6262, 0.2681,
0.2953

■ 9.3643, 0.2075,
0.2451

186.0729, 0.2712,
0.2976

■ 4.9796, 0.1867,
0.2269

228.0039, 0.2738,
0.2997

■ 2.2353, 0.1569,
0.1996

275.8038, 0.2761,

■ 0.7391, 0.1038,

0.3015

0.1558

329.8568, 0.2782,
0.3031

0.0000, 0.0000,
0.0000

50.9958, 0.2499,
0.2807

50.9958, 0.2499,
0.2807

45.0468, 0.2351,
0.2661

57.6494, 0.2654,
0.2944

39.7640, 0.2216,
0.2508

65.0316, 0.2812,
0.3070

35.1134, 0.2095,
0.2351

73.1724, 0.2970,
0.3185

31.0547, 0.1995,
0.2192

82.0980, 0.3124,
0.3288

27.5404, 0.1916,
0.2037

91.4588, 0.3261,
0.3381

■ 24.5433, 0.1858,
0.1888

■ 97.2699, 0.3252,
0.3472

■ 98.7195, 0.3250,
0.3493

Harmonies

Analogous

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



50.9958, 0.2481, 0.3039



50.9958, 0.2499, 0.2807



50.9958, 0.2674, 0.2713

Triad

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



50.9958, 0.2499, 0.2807



50.9958, 0.3649, 0.3186



50.9958, 0.3250, 0.3895

Complementary

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



50.9958, 0.2499, 0.2807



51.1999, 0.3966, 0.3722

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.



50.9958, 0.3578, 0.3904



50.9958, 0.2499, 0.2807



50.9958, 0.3820, 0.3477

Square

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



50.9958, 0.2499, 0.2807



50.9958, 0.3332, 0.2931



50.9958, 0.3791, 0.3741



50.9958, 0.2902, 0.3693

Rectangle

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



50.9958, 0.2499, 0.2807



50.9958, 0.2863, 0.2731



50.9958, 0.3791, 0.3741



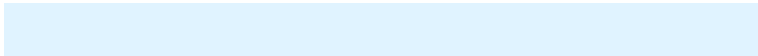
50.9958, 0.3366, 0.3920

Sweetspot

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



50.9978, 0.2499, 0.2807



87.0177, 0.2940, 0.3164



67.6057, 0.2866, 0.4019



18.3409, 0.2919, 0.3149



0.0000, 0.0000, 0.0000



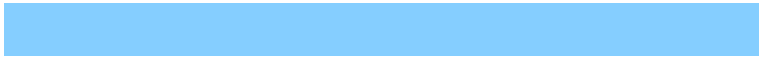
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9978, 0.2499, 0.2807



56.1066, 0.2380, 0.2690



33.1258, 0.2401, 0.2181



16.0421, 0.2981, 0.3193



14.0475, 0.1864, 0.1912



1.2909, 0.1923, 0.2122

Inverse Universe

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



40.2236, 0.3535, 0.2670



42.3608, 0.3652, 0.2550



73.0061, 0.3764, 0.4198



15.2048, 0.3200, 0.3150



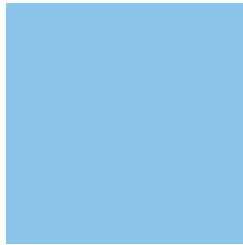
10.9109, 0.4554, 0.2282



0.8757, 0.4317, 0.2152

Previews

White Background



This preview shows how the Yxy color 50.9958, 0.2499, 0.2807 looks on a white background.

Color Contrast Check

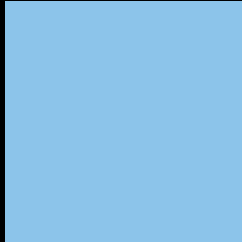
Large Text (above 18pt) WCAG AA × Fail

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 50.9958, 0.2499, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

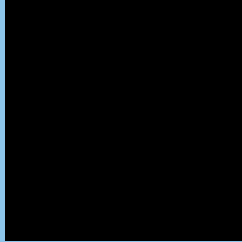
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

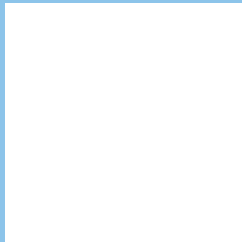
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9958, 0.2499, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 50.9958, 0.2499, 0.2807.

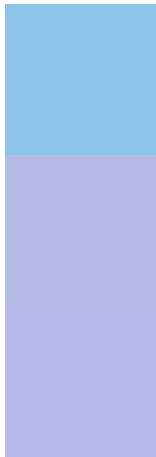


This preview shows how white text looks on a background with the Yxy color 50.9958, 0.2499, 0.2807.

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

50.9958, 0.2499, 0.2807

Protanopia

50.8454, 0.2780, 0.2794

Deuteranopia

50.6991, 0.2741, 0.2684



Tritanopia

50.9040, 0.2580, 0.3077

Trichromacy



Original Color

50.9958, 0.2499, 0.2807

Protanomaly

50.5394, 0.2666, 0.2795

Deuteranomaly

50.6088, 0.2648, 0.2728

Tritanomaly

50.9805, 0.2551, 0.2976

Monochromacy



Original Color

50.9958, 0.2499, 0.2807

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5555, 0.2867, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9958, 0.2499, 0.2807 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(140, 196, 234)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 234)  
}
```

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(140, 196, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 234) }
```

Border

The CSS property to change the border of an element to Yxy 50.9958, 0.2499, 0.2807 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(140, 196, 234) }
```

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

```
.border{ border-color:rgb(140, 196, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 234);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9958, 0.2499, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 234) }
```

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

```
.background{ background-color: rgb(140,  
196, 234) }
```

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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