

Converting Colors

$Yxy(49.5410, 0.2318, 0.2543)$

Have a look what the booklet for
Yxy(49.5410, 0.2318, 0.2543)
contains.

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Color

Yxy(49.5169, 0.2317, 0.2543)

Conversions

Conversions Part 1

Format	Color
Hex	7CC1FD
RGB	124, 193, 253
RGB Percent	49%, 76%, 99%
CMY	0.5134, 0.2432, 0.0079
CMYK	0.51, 0.24, 0.00, 0.01
HSL	208°, 97%, 74%
HSV	208°, 51%, 99%
XYZ	45.1163, 49.5169, 100.0853
YIQ	179.2090, -60.3840, 4.0320

Conversions

Conversions Part 2

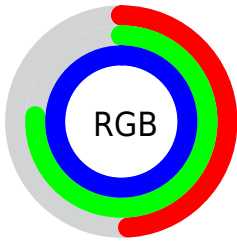
Format	Color
RYB	124, 169, 253
Decimal	8176125
CIELab	75.77, -5.53, -36.23
CIELCh	76, 36.654, 261.315
Yxy	49.5169, 0.2317, 0.2543
Android (android.graphics.Color)	4286366205 (0xFF7CC1FD)
YUV	179.2090, 36.3790, -48.4183
Hunter-Lab	70.3682, -8.7000, -35.0708

Details

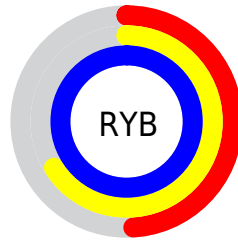
The Yxy color **49.5169, 0.2317, 0.2543** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.6407, 0.4235, 0.3913**, and the grayscale version is **45.0326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0386, 0.2709, 0.3224**, and **23.7985, 0.2120, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **42.8689, 0.2173, 0.2363**, and if you desaturate by 10%, it is **57.0662, 0.2472, 0.2715**.

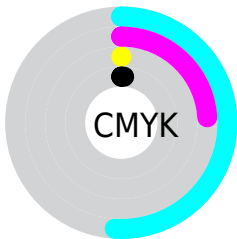
Distribution



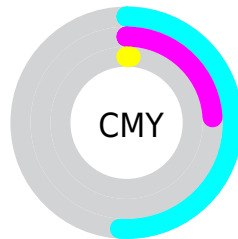
- Red (49%)
- Green (76%)
- Blue (99%)



- Red (49%)
- Yellow (66%)
- Blue (99%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)





- Cyan (51%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5169, 0.2317, 0.2543 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 49.5169, 0.2317, 0.2543 by changing the saturation by 10% instead.


 49.5169, 0.2317,
0.2543

 49.5169, 0.2317,
0.2543


384.7737, 0.2703,
0.2905


 35.0297, 0.2228,
0.2458


 89.4587, 0.2452,
0.2671

 23.6857, 0.2117,
0.2351


 115.6820, 0.2505,
0.2720

 15.1007, 0.1977,
0.2216


 146.5862, 0.2549,
0.2762

 8.8901, 0.1796,
0.2038

182.5557, 0.2588,
0.2799

 4.6695, 0.1556,
0.1798

223.9748, 0.2622,
0.2830

 2.0547, 0.1229,
0.1463

271.2279, 0.2652,

 0.6390, 0.0718,

0.2858

0.0972

324.6994, 0.2679,
0.2883

0.0000, 0.0000,
0.0000

49.5169, 0.2317,
0.2543

49.5169, 0.2317,
0.2543

42.8689, 0.2173,
0.2363

57.0662, 0.2472,
0.2715

37.0696, 0.2045,
0.2180

65.5545, 0.2633,
0.2875

32.0674, 0.1937,
0.1996

75.0233, 0.2796,
0.3024

27.8001, 0.1853,
0.1818

85.5096, 0.2956,
0.3158

24.4893, 0.1796,
0.1664

97.0481, 0.3113,
0.3279

99.8702, 0.3139,
0.3309

Harmonies

Analogous

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



49.5169, 0.2215, 0.2787



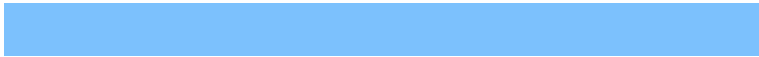
49.5169, 0.2317, 0.2543



49.5169, 0.2620, 0.2496

Triad

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



49.5169, 0.2317, 0.2543



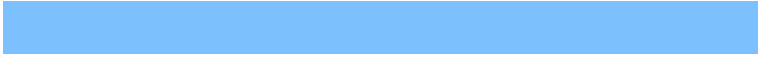
49.5169, 0.3989, 0.3274



49.5169, 0.3110, 0.4099

Complementary

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



49.5169, 0.2317, 0.2543



56.6407, 0.4235, 0.3913

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.



49.5169, 0.3599, 0.4197



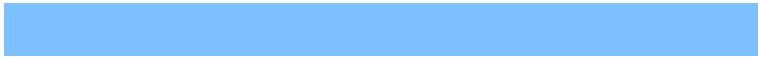
49.5169, 0.2317, 0.2543



49.5169, 0.4131, 0.3671

Square

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



49.5169, 0.2317, 0.2543



49.5169, 0.3590, 0.2904



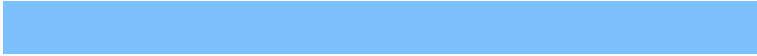
49.5169, 0.3980, 0.4016



49.5169, 0.2648, 0.3716

Rectangle

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



49.5169, 0.2317, 0.2543



49.5169, 0.2914, 0.2566



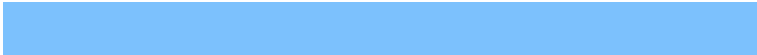
49.5169, 0.3980, 0.4016



49.5169, 0.3277, 0.4166

Sweetspot

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



49.5187, 0.2317, 0.2543



82.6181, 0.2892, 0.3105



77.9057, 0.2784, 0.4179



17.2022, 0.2858, 0.3077



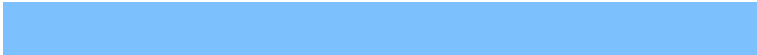
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



49.5187, 0.2317, 0.2543



43.6070, 0.2172, 0.2362



27.4866, 0.2158, 0.1740



18.9862, 0.2979, 0.3177



13.3253, 0.1803, 0.1691



1.5162, 0.1858, 0.1887

Inverse Universe

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



39.1632, 0.3785, 0.2585



33.6721, 0.3985, 0.2473



88.5687, 0.3903, 0.4474



18.1495, 0.3210, 0.3164



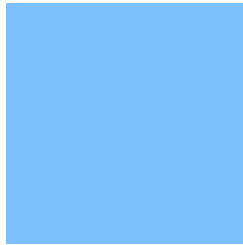
12.0732, 0.4817, 0.2427



1.1976, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 49.5169, 0.2317, 0.2543 looks on a white background.

Color Contrast Check

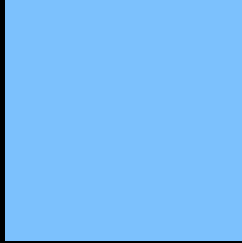
Large Text (above 18pt) WCAG AA × Fail

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 49.5169, 0.2317, 0.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

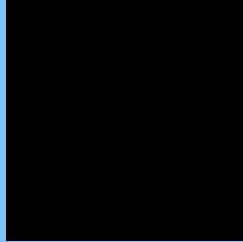
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

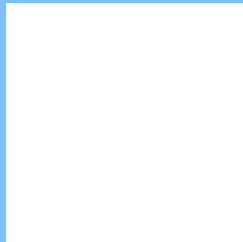
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5169, 0.2317, 0.2543

Background



This preview shows how black text looks on a background with the Yxy color 49.5169, 0.2317, 0.2543.

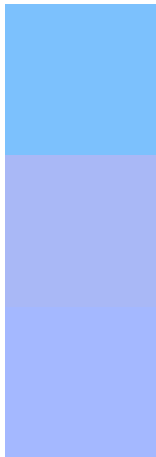


This preview shows how white text looks on a background with the Yxy color 49.5169, 0.2317, 0.2543.

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

49.5169, 0.2317, 0.2543

Protanopia

49.3698, 0.2590, 0.2550

Deuteranopia

49.3935, 0.2508, 0.2453



Tritanopia

49.7112, 0.2454, 0.3070

Trichromacy



Original Color

49.5169, 0.2317, 0.2543

Protanomaly

49.1525, 0.2478, 0.2537

Deuteranomaly

49.0860, 0.2429, 0.2481

Tritanomaly

49.3027, 0.2401, 0.2865

Monochromacy



Original Color

49.5169, 0.2317, 0.2543

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.1081, 0.2770, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5169, 0.2317, 0.2543 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(124, 193, 253)` looks like.

```
.text, #text, p{  
    color:rgb(124, 193, 253)  
}
```

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(124, 193, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 193, 253) }
```

Border

The CSS property to change the border of an element to Yxy 49.5169, 0.2317, 0.2543 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(124, 193, 253) }
```

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

```
.border{ border-color:rgb(124, 193, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 193, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 193, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 193, 253);  
box-shadow:4px 4px 4px 4px rgb(124, 193,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5169, 0.2317, 0.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 193, 253) }
```

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

```
.background{ background-color: rgb(124,  
193, 253) }
```

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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