

Converting Colors

$Yxy(51.3208, 0.2401, 0.2543)$

Have a look what the booklet for
Yxy(51.3208, 0.2401, 0.2543)
contains.

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Color

Yxy(51.1107, 0.2398, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	8EC1FF
RGB	142, 193, 255
RGB Percent	56%, 76%, 100%
CMY	0.4432, 0.2431, 0.0000
CMYK	0.44, 0.24, 0.00, 0.00
HSL	213°, 100%, 78%
HSV	213°, 44%, 100%
XYZ	48.2723, 51.1107, 101.9194
YIQ	184.8190, -50.2980, 8.4700

Conversions

Conversions Part 2

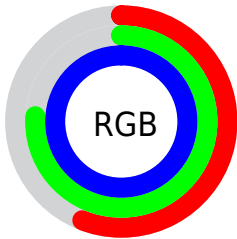
Format	Color
RYB	142, 177, 255
Decimal	9355775
CIELab	76.75, -0.84, -35.74
CIELCh	77, 35.745, 268.648
Yxy	51.1107, 0.2398, 0.2539
Android (android.graphics.Color)	4287545855 (0xFF8EC1FF)
YUV	184.8190, 34.5992, -37.5523
Hunter-Lab	71.4917, -4.5846, -34.4803

Details

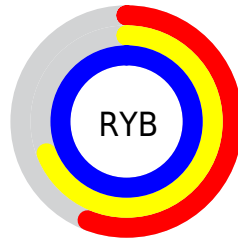
The Yxy color **51.1107, 0.2398, 0.2539** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.3852, 0.4008, 0.3930**, and the grayscale version is **48.2353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2507, 0.2801, 0.3226**, and **24.7647, 0.2219, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **43.2145, 0.2235, 0.2331**, and if you desaturate by 10%, it is **60.1114, 0.2567, 0.2736**.

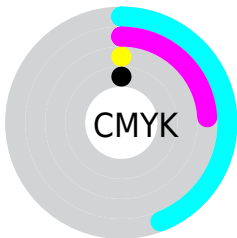
Distribution



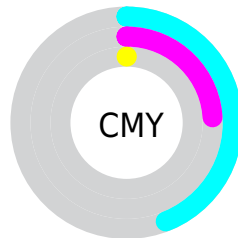
- Red (56%)
- Green (76%)
- Blue (100%)



- Red (56%)
- Yellow (69%)
- Blue (100%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1107, 0.2398, 0.2539 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 51.1107, 0.2398, 0.2539 by changing the saturation by 10% instead.

■ 51.1107, 0.2398,
0.2539

■ 51.1107, 0.2398,
0.2539

■ 390.9937, 0.2746,
0.2898

■ 36.2967, 0.2317,
0.2455

■ 91.8184, 0.2520,
0.2665

■ 24.6634, 0.2217,
0.2351

■ 118.4809, 0.2567,
0.2714

■ 15.8265, 0.2090,
0.2220

■ 149.8617, 0.2608,
0.2756

■ 9.4015, 0.1925,
0.2048

■ 186.3451, 0.2643,
0.2792

■ 5.0040, 0.1704,
0.1817

■ 228.3157, 0.2673,
0.2823

■ 2.2496, 0.1399,
0.1498

■ 276.1577, 0.2700,

■ 0.7468, 0.0962,

0.2851

0.1042

330.2556, 0.2724,
0.2876

■ 0.0000, 0.0000,
0.0000

■ 51.1107, 0.2398,
0.2539

■ 51.1107, 0.2398,
0.2539

■ 43.2145, 0.2235,
0.2331

■ 60.1114, 0.2567,
0.2736

■ 36.3654, 0.2084,
0.2115

■ 70.2587, 0.2736,
0.2917

■ 30.5081, 0.1950,
0.1899

■ 81.5991, 0.2902,
0.3083

■ 25.5784, 0.1840,
0.1688

■ 94.1744, 0.3061,
0.3231

■ 21.5004, 0.1756,
0.1491

■ 99.9994, 0.3127,
0.3290

■ 19.5079, 0.1718,
0.1386

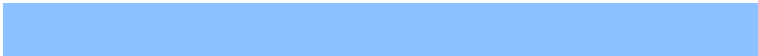
Harmonies

Analogous

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



51.1107, 0.2249, 0.2730



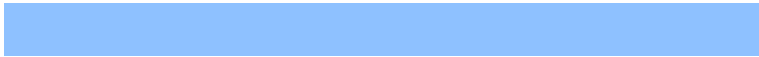
51.1107, 0.2398, 0.2539



51.1107, 0.2735, 0.2537

Triad

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



51.1107, 0.2398, 0.2539



51.1107, 0.4018, 0.3370



51.1107, 0.2995, 0.3999

Complementary

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



51.1107, 0.2398, 0.2539



66.3852, 0.4008, 0.3930

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.



51.1107, 0.3474, 0.4169



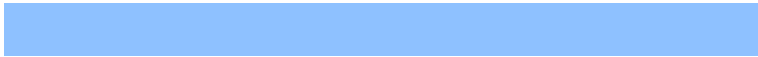
51.1107, 0.2398, 0.2539



51.1107, 0.4086, 0.3751

Square

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



51.1107, 0.2398, 0.2539



51.1107, 0.3685, 0.2999



51.1107, 0.3878, 0.4055



51.1107, 0.2573, 0.3585

Rectangle

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



51.1107, 0.2398, 0.2539



51.1107, 0.3039, 0.2631



51.1107, 0.3878, 0.4055



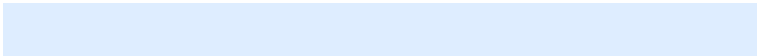
51.1107, 0.3155, 0.4089

Sweetspot

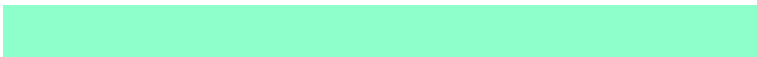
The Sweet Spot groups the original color and five complimentary colors.



51.1126, 0.2398, 0.2539



83.1878, 0.2923, 0.3103



81.5403, 0.2771, 0.3922



17.2397, 0.2887, 0.3069



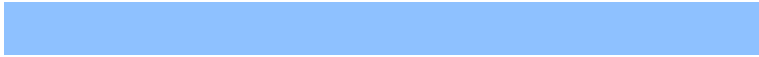
0.0000, 0.0000, 0.0000



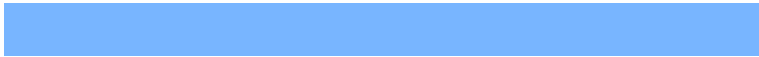
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1126, 0.2398, 0.2539



44.1954, 0.2256, 0.2359



32.6523, 0.2312, 0.1909



18.7283, 0.2979, 0.3156



10.4830, 0.1727, 0.1416



1.2353, 0.1787, 0.1632

Inverse Universe

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



44.4526, 0.3764, 0.2764



37.9876, 0.3955, 0.2670



94.0171, 0.3762, 0.4393



18.1234, 0.3223, 0.3183



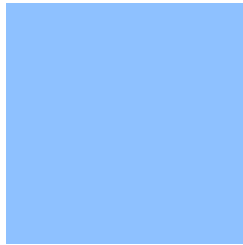
11.7862, 0.5170, 0.2622



1.1693, 0.4890, 0.2468

Previews

White Background



This preview shows how the Yxy color 51.1107, 0.2398, 0.2539 looks on a white background.

Color Contrast Check

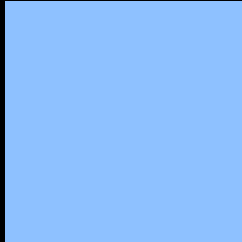
Large Text (above 18pt) WCAG AA × Fail

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 51.1107, 0.2398, 0.2539 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

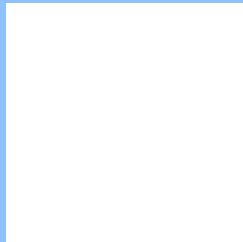
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1107, 0.2398, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 51.1107, 0.2398, 0.2539.



This preview shows how white text looks on a background with the Yxy color 51.1107, 0.2398, 0.2539.

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

51.1107, 0.2398, 0.2539

Protanopia

50.6779, 0.2583, 0.2537

Deuteranopia

50.7728, 0.2542, 0.2484



Tritanopia

51.0917, 0.2553, 0.3076

Trichromacy



Original Color

51.1107, 0.2398, 0.2539

Protanomaly

50.8971, 0.2508, 0.2539

Deuteranomaly

50.9861, 0.2486, 0.2508

Tritanomaly

50.7966, 0.2494, 0.2864

Monochromacy



Original Color

51.1107, 0.2398, 0.2539

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0546, 0.2820, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1107, 0.2398, 0.2539 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(142, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 193, 255)  
}
```

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(142, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.1107, 0.2398, 0.2539 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(142, 193, 255) }
```

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

```
.border{ border-color:rgb(142, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1107, 0.2398, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 193, 255) }
```

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

```
.background{ background-color: rgb(142,  
193, 255) }
```

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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