

Converting Colors

Yxy(56.6029, 0.2580, 0.2693)

Have a look what the booklet for
Yxy(56.6029, 0.2580, 0.2693)
contains.

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Color

Yxy(56.5984, 0.2580, 0.2693)

Conversions

Conversions Part 1

Format	Color
Hex	A8C8FB
RGB	168, 200, 251
RGB Percent	66%, 78%, 98%
CMY	0.3410, 0.2157, 0.0156
CMYK	0.33, 0.20, 0.00, 0.02
HSL	217°, 91%, 82%
HSV	217°, 33%, 98%
XYZ	54.2235, 56.5984, 99.3467
YIQ	196.2460, -35.4430, 9.0770

Conversions

Conversions Part 2

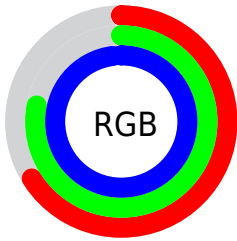
Format	Color
R _Y B	168, 191, 251
Decimal	11061499
CIE Lab	79.95, 1.10, -28.55
CIE LCh	80, 28.566, 272.197
Yxy	56.5984, 0.2580, 0.2693
Android (android.graphics.Color)	4289251579 (0xFFA8C8FB)
YUV	196.2460, 26.9937, -24.7717
Hunter-Lab	75.2319, -3.0017, -25.6324

Details

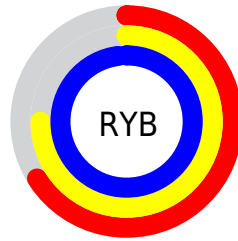
The Yxy color **56.5984, 0.2580, 0.2693** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.0395, 0.3726, 0.3820**, and the grayscale version is **55.2139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **27.9635, 0.2443, 0.2546** is the 20% darker color. If you saturate the color by 10%, you get **47.3129, 0.2404, 0.2473**, and if you desaturate by 10%, it is **67.1420, 0.2754, 0.2896**.

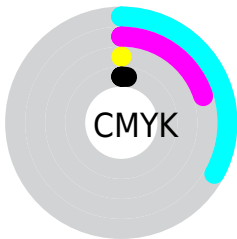
Distribution



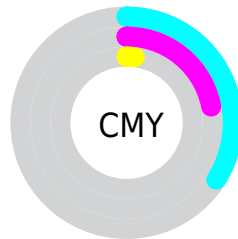
- Red (66%)
- Green (78%)
- Blue (98%)



- Red (66%)
- Yellow (75%)
- Blue (98%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5984, 0.2580, 0.2693 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 56.5984, 0.2580, 0.2693 by changing the saturation by 10% instead.

■ 56.5984, 0.2580,
0.2693

■ 56.5984, 0.2580,
0.2693

411.9427, 0.2840,
0.2976

■ 40.6829, 0.2520,
0.2627

■ 99.8790, 0.2671,
0.2792

■ 28.0714, 0.2444,
0.2546

128.0128, 0.2706,
0.2830

■ 18.3795, 0.2349,
0.2443

160.9882, 0.2736,
0.2863

■ 11.2228, 0.2224,
0.2308

199.1896, 0.2763,
0.2891

■ 6.2169, 0.2053,
0.2125

243.0014, 0.2786,
0.2916

■ 2.9774, 0.1810,
0.1865

292.8079, 0.2806,

■ 1.1199, 0.1447,

0.2938

0.1479

348.9935, 0.2824,
0.2958

0.0000, 0.0090,
0.0000

0.0000, 0.0000,
0.0000

56.5984, 0.2580,
0.2693

56.5984, 0.2580,
0.2693

47.3129, 0.2404,
0.2473

67.1420, 0.2754,
0.2896

39.2269, 0.2232,
0.2240

78.9857, 0.2922,
0.3079

32.2865, 0.2069,
0.2000

92.1776, 0.3081,
0.3244

26.4300, 0.1924,
0.1760

99.7461, 0.3150,
0.3328

■ 21.5888, 0.1803,
0.1530

■ 17.6830, 0.1711,
0.1318

■ 15.4518, 0.1663,
0.1186

Harmonies

Analogous

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



56.5984, 0.2441, 0.2833



56.5984, 0.2580, 0.2693



56.5984, 0.2864, 0.2704

Triad

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



56.5984, 0.2580, 0.2693



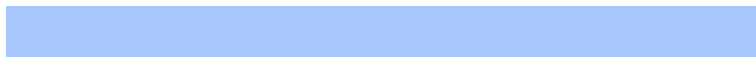
56.5984, 0.3831, 0.3399



56.5984, 0.2988, 0.3798

Complementary

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



56.5984, 0.2580, 0.2693



74.0395, 0.3726, 0.3820

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.



56.5984, 0.3361, 0.3957



56.5984, 0.2580, 0.2693



56.5984, 0.3861, 0.3693

Square

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



56.5984, 0.2580, 0.2693



56.5984, 0.3597, 0.3097



56.5984, 0.3684, 0.3907



56.5984, 0.2665, 0.3475

Rectangle

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



56.5984, 0.2580, 0.2693



56.5984, 0.3108, 0.2788



56.5984, 0.3684, 0.3907



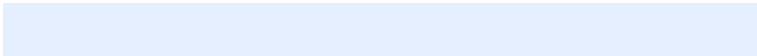
56.5984, 0.3111, 0.3874

Sweetspot

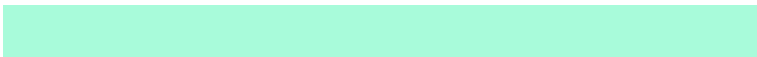
The Sweet Spot groups the original color and five complimentary colors.



56.6006, 0.2580, 0.2693



85.8802, 0.2971, 0.3131



82.3875, 0.2820, 0.3671



17.9816, 0.2948, 0.3108



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.



56.6006, 0.2580, 0.2693



51.8126, 0.2457, 0.2541



44.2570, 0.2588, 0.2319



17.7388, 0.2979, 0.3140



8.3815, 0.1671, 0.1217



0.9746, 0.1737, 0.1452

Inverse Universe

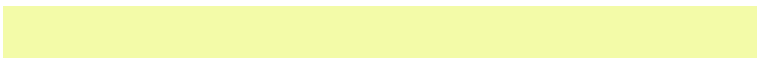
The Inverse Universe completely reimagines the original color for something new.



52.7032, 0.3601, 0.2955



47.8605, 0.3745, 0.2883



90.8387, 0.3570, 0.4134



17.3358, 0.3233, 0.3199



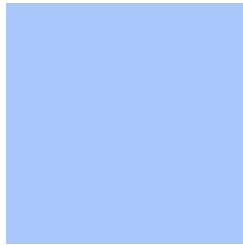
11.2570, 0.5442, 0.2772



1.0626, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 56.5984, 0.2580, 0.2693 looks on a white background.

Color Contrast Check

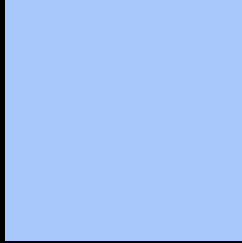
Large Text (above 18pt) WCAG AA × Fail

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 56.5984, 0.2580, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

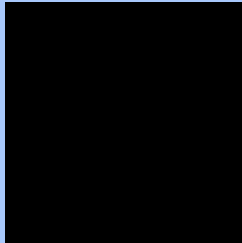
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

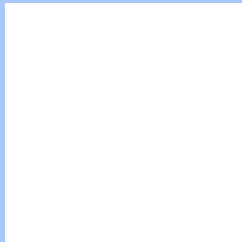
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5984, 0.2580, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 56.5984, 0.2580, 0.2693.



This preview shows how white text looks on a background with the Yxy color 56.5984, 0.2580, 0.2693.

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

56.5984, 0.2580, 0.2693

Protanopia

56.5715, 0.2700, 0.2694

Deuteranopia

56.3032, 0.2694, 0.2633



Tritanopia

56.5136, 0.2707, 0.3078

Trichromacy



Original Color

56.5984, 0.2580, 0.2693

Protanomaly

56.3558, 0.2656, 0.2689

Deuteranomaly

56.3319, 0.2650, 0.2648

Tritanomaly

56.4876, 0.2660, 0.2925

Monochromacy



Original Color

56.5984, 0.2580, 0.2693

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3295, 0.2910, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5984, 0.2580, 0.2693 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(168, 200, 251)` looks like.

```
.text, #text, p{  
    color:rgb(168, 200, 251)  
}
```

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(168, 200, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 200, 251) }
```

Border

The CSS property to change the border of an element to Yxy 56.5984, 0.2580, 0.2693 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(168, 200, 251) }
```

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

```
.border{ border-color:rgb(168, 200, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 200, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 200, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 200, 251);  
box-shadow:4px 4px 4px 4px rgb(168, 200,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5984, 0.2580, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 200, 251) }
```

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

```
.background{ background-color: rgb(168,  
200, 251) }
```

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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