

Converting Colors

Yxy(56.5384, 0.2519, 0.2698)

Have a look what the booklet for
Yxy(56.5384, 0.2519, 0.2698)
contains.

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Color

Yxy(56.5384, 0.2519, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	9ECAFC
RGB	158, 202, 252
RGB Percent	62%, 79%, 99%
CMY	0.3805, 0.2078, 0.0117
CMYK	0.37, 0.20, 0.00, 0.01
HSL	212°, 94%, 80%
HSV	212°, 37%, 99%
XYZ	52.7873, 56.5384, 100.2310
YIQ	194.5440, -42.2740, 6.2220

Conversions

Conversions Part 2

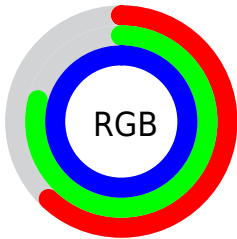
Format	Color
R _{YB}	158, 188, 252
Decimal	10406652
CIE _{Lab}	79.92, -2.45, -29.18
CIE _{LCh}	80, 29.281, 265.195
Yxy	56.5384, 0.2519, 0.2698
Android (android.graphics.Color)	4288596732 (0xFF9ECAFC)
YUV	194.5440, 28.3258, -32.0491
Hunter-Lab	75.1920, -6.2730, -26.3992

Details

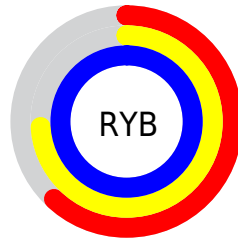
The Yxy color **56.5384, 0.2519, 0.2698** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.2592, 0.3847, 0.3813**, and the grayscale version is **54.1333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **28.0035, 0.2373, 0.2553** is the 20% darker color. If you saturate the color by 10%, you get **48.2249, 0.2354, 0.2504**, and if you desaturate by 10%, it is **65.9261, 0.2687, 0.2878**.

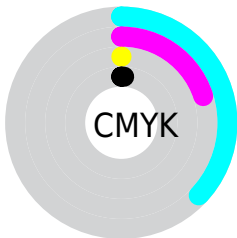
Distribution



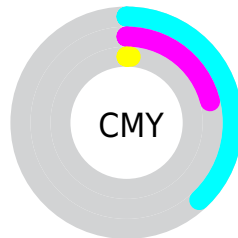
- Red (62%)
- Green (79%)
- Blue (99%)



- Red (62%)
- Yellow (74%)
- Blue (99%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5384, 0.2519, 0.2698 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 56.5384, 0.2519, 0.2698 by changing the saturation by 10% instead.

■ 56.5384, 0.2519,
0.2698

■ 56.5384, 0.2519,
0.2698

411.7174, 0.2806,
0.2980

■ 40.6348, 0.2453,
0.2632

■ 99.7913, 0.2620,
0.2797

■ 28.0338, 0.2370,
0.2551

■ 127.9094, 0.2658,
0.2835

■ 18.3511, 0.2266,
0.2447

160.8678, 0.2692,
0.2868

■ 11.2024, 0.2129,
0.2310

199.0508, 0.2721,
0.2896

■ 6.2031, 0.1945,
0.2125

242.8429, 0.2746,
0.2921

■ 2.9690, 0.1686,
0.1861

292.6284, 0.2769,

■ 1.1156, 0.1306,

0.2943

0.1469

348.7918, 0.2789,
0.2962

0.0000, 0.0000,
0.0000

56.5384, 0.2519,
0.2698

56.5384, 0.2519,
0.2698

48.2249, 0.2354,
0.2504

65.9261, 0.2687,
0.2878

40.9330, 0.2196,
0.2300

76.4242, 0.2853,
0.3043

34.6147, 0.2052,
0.2091

88.0751, 0.3014,
0.3191

29.2144, 0.1927,
0.1881

99.8087, 0.3144,
0.3319

24.6685, 0.1826,
0.1679

■ 20.8984, 0.1751,
0.1489

■ 19.9912, 0.1734,
0.1441

Harmonies

Analogous

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



56.5384, 0.2416, 0.2877



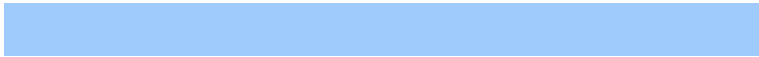
56.5384, 0.2519, 0.2698



56.5384, 0.2779, 0.2674

Triad

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



56.5384, 0.2519, 0.2698



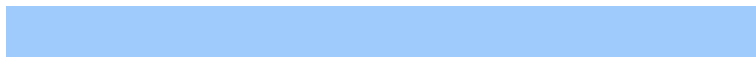
56.5384, 0.3810, 0.3327



56.5384, 0.3072, 0.3868

Complementary

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



56.5384, 0.2519, 0.2698



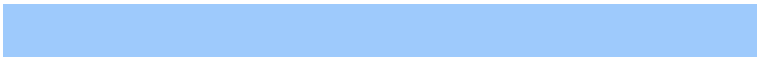
68.2592, 0.3847, 0.3813

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.



56.5384, 0.3452, 0.3981



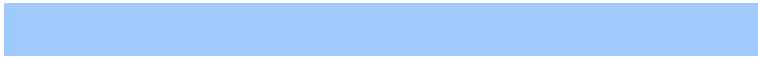
56.5384, 0.2519, 0.2698



56.5384, 0.3892, 0.3636

Square

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



56.5384, 0.2519, 0.2698



56.5384, 0.3530, 0.3026



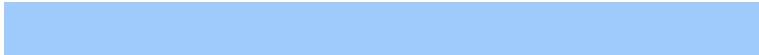
56.5384, 0.3756, 0.3882



56.5384, 0.2721, 0.3566

Rectangle

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



56.5384, 0.2519, 0.2698



56.5384, 0.3016, 0.2739



56.5384, 0.3756, 0.3882



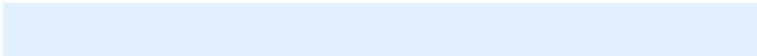
56.5384, 0.3200, 0.3930

Sweetspot

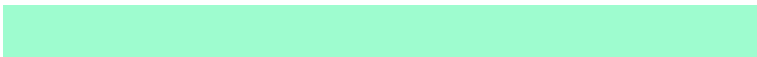
The Sweet Spot groups the original color and five complimentary colors.



56.5406, 0.2519, 0.2698



85.9141, 0.2955, 0.3139



81.3743, 0.2825, 0.3824



18.0394, 0.2934, 0.3119



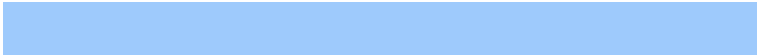
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



56.5406, 0.2519, 0.2698



51.3970, 0.2391, 0.2550



38.8977, 0.2450, 0.2156



17.9833, 0.2980, 0.3161



10.7023, 0.1742, 0.1471



1.2013, 0.1804, 0.1695

Inverse Universe

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



49.4046, 0.3611, 0.2831



43.9840, 0.3758, 0.2737



92.4980, 0.3679, 0.4224



17.3605, 0.3220, 0.3179



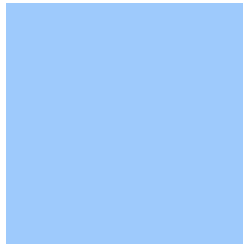
11.4913, 0.5097, 0.2581



1.0855, 0.4813, 0.2425

Previews

White Background



This preview shows how the Yxy color 56.5384, 0.2519, 0.2698 looks on a white background.

Color Contrast Check

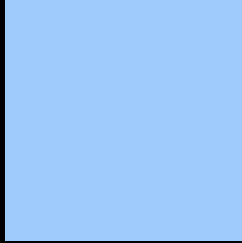
Large Text (above 18pt) WCAG AA × Fail

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 56.5384, 0.2519, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

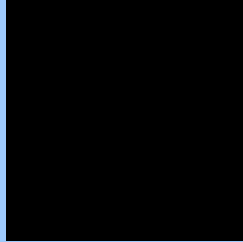
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

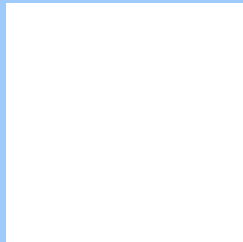
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5384, 0.2519, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 56.5384, 0.2519, 0.2698.



This preview shows how white text looks on a background with the Yxy color 56.5384, 0.2519, 0.2698.

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

56.5384, 0.2519, 0.2698

Protanopia

56.5095, 0.2705, 0.2704

Deuteranopia

56.3041, 0.2675, 0.2612



Tritanopia

56.5868, 0.2637, 0.3075

Trichromacy



Original Color

56.5384, 0.2519, 0.2698

Protanomaly

56.3417, 0.2631, 0.2697

Deuteranomaly

56.2545, 0.2614, 0.2645

Tritanomaly

56.4732, 0.2597, 0.2932

Monochromacy



Original Color

56.5384, 0.2519, 0.2698

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2911, 0.2881, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5384, 0.2519, 0.2698 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(158, 202, 252)` looks like.

```
.text, #text, p{  
    color:rgb(158, 202, 252)  
}
```

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(158, 202, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 202, 252) }
```

Border

The CSS property to change the border of an element to Yxy 56.5384, 0.2519, 0.2698 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(158, 202, 252) }
```

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

```
.border{ border-color:rgb(158, 202, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 202, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 202, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 202, 252);  
box-shadow:4px 4px 4px 4px rgb(158, 202,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5384, 0.2519, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 202, 252) }
```

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

```
.background{ background-color: rgb(158,  
202, 252) }
```

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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