

Converting Colors

$Yxy(55.7492, 0.2449, 0.2658)$

Have a look what the booklet for
Yxy(55.7492, 0.2449, 0.2658)
contains.

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Color

Yxy(55.7570, 0.2449, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	94CAFF
RGB	148, 202, 255
RGB Percent	58%, 79%, 100%
CMY	0.4198, 0.2078, 0.0001
CMYK	0.42, 0.21, 0.00, 0.00
HSL	210°, 100%, 79%
HSV	210°, 42%, 100%
XYZ	51.3728, 55.7570, 102.6407
YIQ	191.8960, -49.1970, 5.0350

Conversions

Conversions Part 2

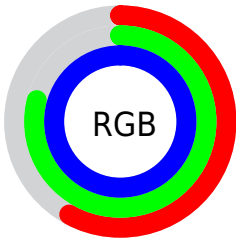
Format	Color
RYB	148, 184, 255
Decimal	9751295
CIELab	79.48, -4.24, -31.49
CIELCh	79, 31.775, 262.325
Yxy	55.7570, 0.2449, 0.2658
Android (android.graphics.Color)	4287941375 (0xFF94CAFF)
YUV	191.8960, 31.1103, -38.4968
Hunter-Lab	74.6706, -7.8670, -29.2294

Details

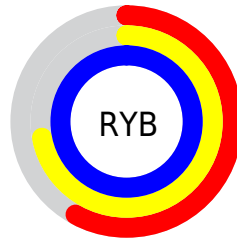
The Yxy color **55.7570, 0.2449, 0.2658** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1228, 0.3977, 0.3840**, and the grayscale version is **52.4803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **27.5323, 0.2288, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **47.9571, 0.2291, 0.2474**, and if you desaturate by 10%, it is **64.5688, 0.2613, 0.2831**.

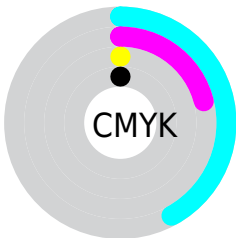
Distribution



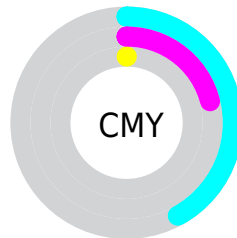
- Red (58%)
- Green (79%)
- Blue (100%)



- Red (58%)
- Yellow (72%)
- Blue (100%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7570, 0.2449, 0.2658 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 55.7570, 0.2449, 0.2658 by changing the saturation by 10% instead.


 55.7570, 0.2449,
0.2658


 55.7570, 0.2449,
0.2658


408.7751, 0.2769,
0.2960

 40.0081, 0.2375,
0.2588

 98.6492, 0.2561,
0.2764

 27.5449, 0.2285,
0.2500


 126.5613, 0.2604,
0.2805

 17.9829, 0.2170,
0.2389


159.2966, 0.2641,
0.2840

 10.9377, 0.2021,
0.2243

197.2395, 0.2673,
0.2870

 6.0249, 0.1821,
0.2046

240.7745, 0.2701,
0.2897

 2.8603, 0.1544,
0.1767

290.2858, 0.2726,

 1.0592, 0.1148,

0.2920

0.1360

346.1578, 0.2749,
0.2941

0.0000, 0.0000,
0.0000

55.7570, 0.2449,
0.2658

55.7570, 0.2449,
0.2658

47.9571, 0.2291,
0.2474

64.5688, 0.2613,
0.2831

41.1165, 0.2144,
0.2281

74.4288, 0.2778,
0.2991

35.1863, 0.2014,
0.2085

85.3791, 0.2940,
0.3136

30.1093, 0.1904,
0.1891

97.4571, 0.3097,
0.3266

25.8182, 0.1820,
0.1704

99.9984, 0.3127,
0.3290

■ 22.8685, 0.1767,
0.1562

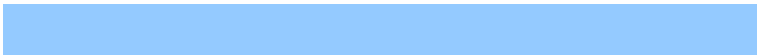
Harmonies

Analogous

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



55.7570, 0.2356, 0.2865



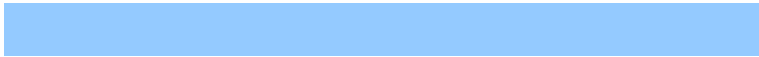
55.7570, 0.2449, 0.2658



55.7570, 0.2714, 0.2618

Triad

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



55.7570, 0.2449, 0.2658



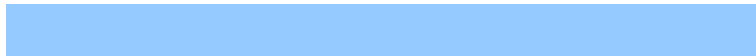
55.7570, 0.3851, 0.3294



55.7570, 0.3105, 0.3947

Complementary

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



55.7570, 0.2449, 0.2658



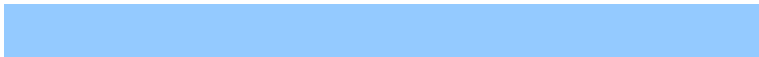
65.1228, 0.3977, 0.3840

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.



55.7570, 0.3515, 0.4044



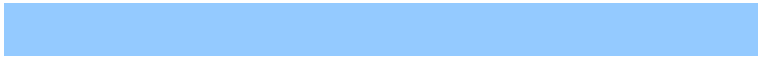
55.7570, 0.2449, 0.2658



55.7570, 0.3964, 0.3632

Square

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



55.7570, 0.2449, 0.2658



55.7570, 0.3528, 0.2975



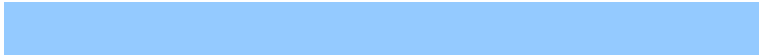
55.7570, 0.3835, 0.3912



55.7570, 0.2717, 0.3629

Rectangle

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



55.7570, 0.2449, 0.2658



55.7570, 0.2966, 0.2680



55.7570, 0.3835, 0.3912



55.7570, 0.3245, 0.4007

Sweetspot

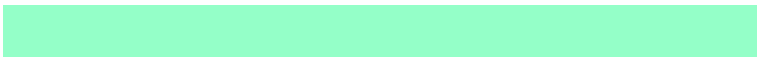
The Sweet Spot groups the original color and five complimentary colors.



55.7591, 0.2449, 0.2658



84.2230, 0.2923, 0.3122



81.9510, 0.2812, 0.3950



17.4947, 0.2888, 0.3091



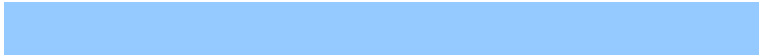
0.0000, 0.0000, 0.0000



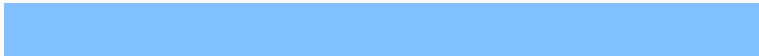
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7591, 0.2449, 0.2658



49.4304, 0.2322, 0.2511



35.2379, 0.2342, 0.2007



18.8945, 0.2979, 0.3169



12.2511, 0.1775, 0.1591



1.4114, 0.1832, 0.1795

Inverse Universe

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



46.6849, 0.3659, 0.2734



40.3700, 0.3809, 0.2633



93.7637, 0.3762, 0.4315



18.1402, 0.3215, 0.3171



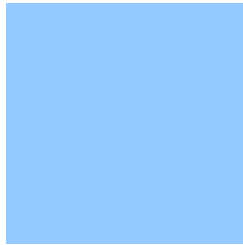
11.9647, 0.4942, 0.2496



1.1870, 0.4691, 0.2358

Previews

White Background



This preview shows how the Yxy color 55.7570, 0.2449, 0.2658 looks on a white background.

Color Contrast Check

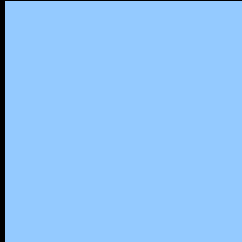
Large Text (above 18pt) WCAG AA × Fail

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 55.7570, 0.2449, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

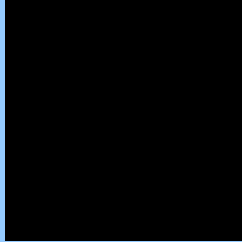
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

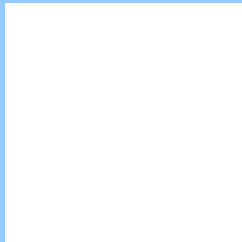
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7570, 0.2449, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 55.7570, 0.2449, 0.2658.



This preview shows how white text looks on a background with the Yxy color 55.7570, 0.2449, 0.2658.

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

55.7570, 0.2449, 0.2658

Protanopia

55.3682, 0.2672, 0.2657

Deuteranopia

55.4272, 0.2642, 0.2585



Tritanopia

55.5829, 0.2574, 0.3072

Trichromacy



Original Color

55.7570, 0.2449, 0.2658

Protanomaly

55.4436, 0.2588, 0.2659

Deuteranomaly

55.2459, 0.2564, 0.2606

Tritanomaly

55.5004, 0.2529, 0.2915

Monochromacy



Original Color

55.7570, 0.2449, 0.2658

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6163, 0.2843, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7570, 0.2449, 0.2658 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(148, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 202, 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(148, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.7570, 0.2449, 0.2658 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(148, 202, 255) }
```

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

```
.border{ border-color:rgb(148, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7570, 0.2449, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 202, 255) }
```

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

```
.background{ background-color: rgb(148,  
202, 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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