

Converting Colors

$Yxy(54.9669, 0.2437, 0.2639)$

Have a look what the booklet for
Yxy(54.9669, 0.2437, 0.2639)
contains.

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Color

Yxy(55.1043, 0.2436, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	92C9FF
RGB	146, 201, 255
RGB Percent	57%, 79%, 100%
CMY	0.4276, 0.2117, 0.0000
CMYK	0.43, 0.21, 0.00, 0.00
HSL	210°, 100%, 79%
HSV	210°, 43%, 100%
XYZ	50.7885, 55.1043, 102.5987
YIQ	190.7110, -50.1140, 5.1340

Conversions

Conversions Part 2

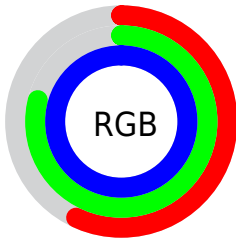
Format	Color
R_{YB}	146, 183, 255
Decimal	9619967
CIE _{Lab}	79.10, -4.18, -32.11
CIE _{LCh}	79, 32.379, 262.580
Yxy	55.1043, 0.2436, 0.2643
Android (android.graphics.Color)	4287810047 (0xFF92C9FF)
YUV	190.7110, 31.6945, -39.2115
Hunter-Lab	74.2323, -7.7796, -29.9839

Details

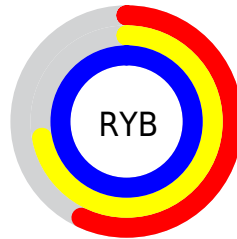
The Yxy color **55.1043, 0.2436, 0.2643** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6160, 0.3997, 0.3851**, and the grayscale version is **51.7530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **27.0685, 0.2267, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **47.3759, 0.2279, 0.2458**, and if you desaturate by 10%, it is **63.8369, 0.2600, 0.2818**.

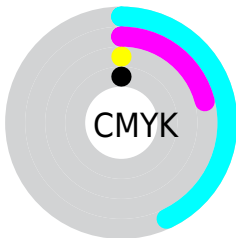
Distribution



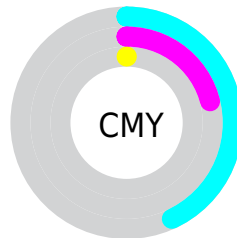
- Red (57%)
- Green (79%)
- Blue (100%)



- Red (57%)
- Yellow (72%)
- Blue (100%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1043, 0.2436, 0.2643 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 55.1043, 0.2436, 0.2643 by changing the saturation by 10% instead.


 55.1043, 0.2436,
0.2643

 55.1043, 0.2436,
0.2643


406.3072, 0.2762,
0.2952

 39.4852, 0.2361,
0.2571


 97.6938, 0.2550,
0.2752

 27.1374, 0.2268,
0.2481

 125.4329, 0.2594,
0.2794

 17.6765, 0.2151,
0.2367


157.9809, 0.2632,
0.2830

 10.7180, 0.1999,
0.2218

195.7222, 0.2665,
0.2861

 5.8775, 0.1795,
0.2015

239.0410, 0.2694,
0.2888

 2.7707, 0.1512,
0.1731

288.3219, 0.2719,

 1.0132, 0.1111,

0.2912

0.1316

343.9491, 0.2742,
0.2933

0.0000, 0.0000,
0.0000

55.1043, 0.2436,
0.2643

55.1043, 0.2436,
0.2643

47.3759, 0.2279,
0.2458

63.8369, 0.2600,
0.2818

40.6061, 0.2133,
0.2265

73.6177, 0.2765,
0.2978

34.7432, 0.2004,
0.2069

84.4866, 0.2927,
0.3125

29.7293, 0.1897,
0.1875

96.4813, 0.3085,
0.3256

25.4960, 0.1814,
0.1689

100.0000, 0.3127,
0.3290

■ 22.8537, 0.1767,
0.1561

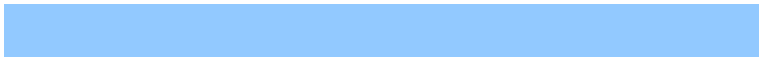
Harmonies

Analogous

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



55.1043, 0.2339, 0.2852



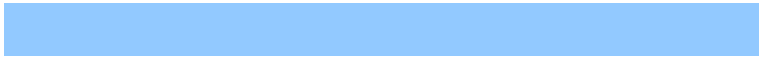
55.1043, 0.2436, 0.2643



55.1043, 0.2708, 0.2605

Triad

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



55.1043, 0.2436, 0.2643



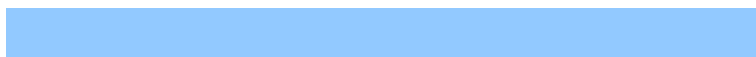
55.1043, 0.3870, 0.3297



55.1043, 0.3100, 0.3961

Complementary

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



55.1043, 0.2436, 0.2643



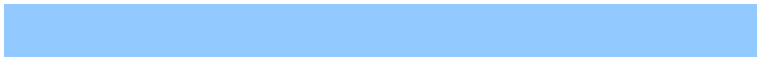
64.6160, 0.3997, 0.3851

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.



55.1043, 0.3520, 0.4062



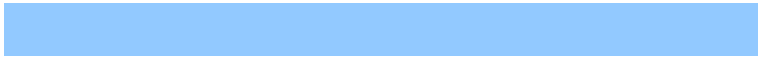
55.1043, 0.2436, 0.2643



55.1043, 0.3983, 0.3641

Square

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



55.1043, 0.2436, 0.2643



55.1043, 0.3541, 0.2971



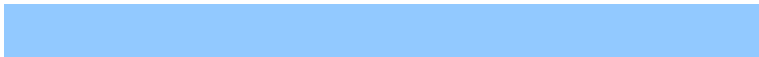
55.1043, 0.3848, 0.3928



55.1043, 0.2704, 0.3634

Rectangle

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



55.1043, 0.2436, 0.2643



55.1043, 0.2965, 0.2669



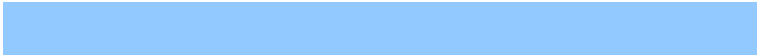
55.1043, 0.3848, 0.3928



55.1043, 0.3243, 0.4023

Sweetspot

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



55.1039, 0.2436, 0.2643



84.2173, 0.2923, 0.3122



81.7342, 0.2807, 0.3965



17.4933, 0.2888, 0.3090



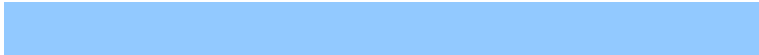
0.0000, 0.0000, 0.0000



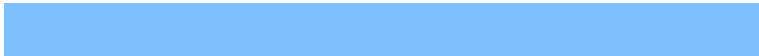
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1039, 0.2436, 0.2643



48.6681, 0.2306, 0.2491



34.4340, 0.2325, 0.1979



18.8936, 0.2979, 0.3169



12.2408, 0.1775, 0.1590



1.4104, 0.1832, 0.1794

Inverse Universe

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



46.0203, 0.3673, 0.2724



39.6590, 0.3830, 0.2622



93.6997, 0.3773, 0.4333



18.1401, 0.3215, 0.3171



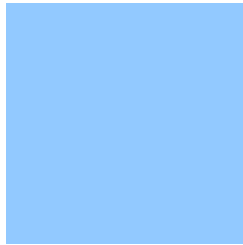
11.9637, 0.4944, 0.2497



1.1869, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 55.1043, 0.2436, 0.2643 looks on a white background.

Color Contrast Check

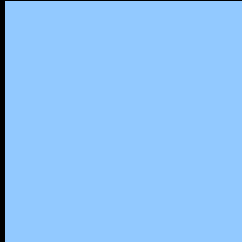
Large Text (above 18pt) WCAG AA × Fail

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 55.1043, 0.2436, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

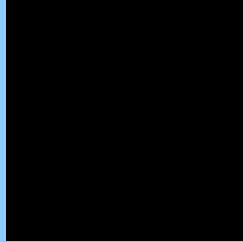
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

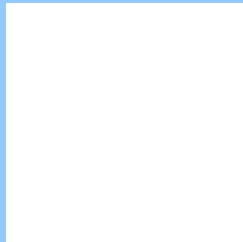
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1043, 0.2436, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 55.1043, 0.2436, 0.2643.



This preview shows how white text looks on a background with the Yxy color 55.1043, 0.2436, 0.2643.

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

55.1043, 0.2436, 0.2643

Protanopia

54.8032, 0.2664, 0.2643

Deuteranopia

54.7430, 0.2628, 0.2571



Tritanopia

55.2717, 0.2563, 0.3083

Trichromacy



Original Color

55.1043, 0.2436, 0.2643

Protanomaly

54.7697, 0.2574, 0.2645

Deuteranomaly

54.5750, 0.2551, 0.2591

Tritanomaly

55.2363, 0.2512, 0.2913

Monochromacy



Original Color

55.1043, 0.2436, 0.2643

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9992, 0.2842, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1043, 0.2436, 0.2643 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(146, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 201, 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(146, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.1043, 0.2436, 0.2643 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(146, 201, 255) }
```

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

```
.border{ border-color:rgb(146, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(146, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1043, 0.2436, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 255) }
```

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

```
.background{ background-color: rgb(146,  
201, 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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