

Converting Colors

$Yxy(55.9861, 0.2347, 0.2439)$

Have a look what the booklet for
Yxy(55.9861, 0.2347, 0.2439)
contains.

Yxy(54.6395, 0.2434, 0.2631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.6395, 0.2434, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	92C8FF
RGB	146, 200, 255
RGB Percent	57%, 78%, 100%
CMY	0.4277, 0.2156, 0.0000
CMYK	0.43, 0.22, 0.00, 0.00
HSL	210°, 100%, 79%
HSV	210°, 43%, 100%
XYZ	50.5483, 54.6395, 102.4880
YIQ	190.1240, -49.8390, 5.6570

Conversions

Conversions Part 2

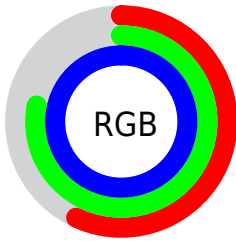
Format	Color
R _Y B	146, 182, 255
Decimal	9619711
CIE Lab	78.83, -3.67, -32.50
CIE LCh	79, 32.706, 263.564
Yxy	54.6395, 0.2434, 0.2631
Android (android.graphics.Color)	4287809791 (0xFF92C8FF)
YUV	190.1240, 31.9839, -38.6967
Hunter-Lab	73.9185, -7.2924, -30.4626

Details

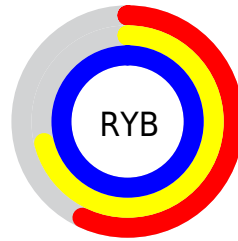
The Yxy color **54.6395, 0.2434, 0.2631** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0651, 0.3993, 0.3861**, and the grayscale version is **51.3949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.7588, 0.2263, 0.2463** is the 20% darker color. If you saturate the color by 10%, you get **46.8541, 0.2276, 0.2442**, and if you desaturate by 10%, it is **63.4507, 0.2598, 0.2809**.

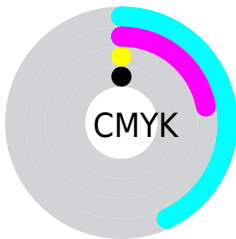
Distribution



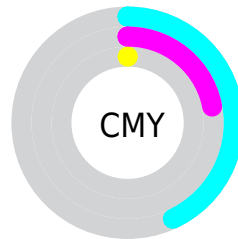
- Red (57%)
- Green (78%)
- Blue (100%)



- Red (57%)
- Yellow (71%)
- Blue (100%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6395, 0.2434, 0.2631 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 54.6395, 0.2434, 0.2631 by changing the saturation by 10% instead.


 54.6395, 0.2434,
0.2631


 54.6395, 0.2434,
0.2631


404.5439, 0.2762,
0.2946

 39.1132, 0.2358,
0.2558

 97.0126, 0.2548,
0.2742

 26.8478, 0.2265,
0.2466


 124.6281, 0.2593,
0.2784

 17.4589, 0.2147,
0.2350


157.0421, 0.2631,
0.2821

 10.5622, 0.1994,
0.2198


194.6391, 0.2664,
0.2853

 5.7733, 0.1788,
0.1993

237.8034, 0.2693,
0.2880

 2.7077, 0.1504,
0.1704

286.9193, 0.2718,

 0.9811, 0.1100,

0.2905

0.1285

342.3714, 0.2741,
0.2927

0.0000, 0.0000,
0.0000

54.6395, 0.2434,
0.2631

54.6395, 0.2434,
0.2631

46.8541, 0.2276,
0.2442

63.4507, 0.2598,
0.2809

40.0409, 0.2128,
0.2245

73.3252, 0.2764,
0.2973

34.1500, 0.1998,
0.2046

84.3058, 0.2927,
0.3122

29.1226, 0.1890,
0.1848

96.4306, 0.3085,
0.3256

24.8896, 0.1806,
0.1660

99.9999, 0.3127,
0.3290

■ 22.2582, 0.1759,
0.1531

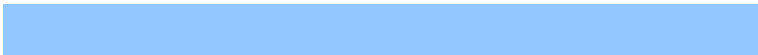
Harmonies

Analogous

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



54.6395, 0.2330, 0.2837



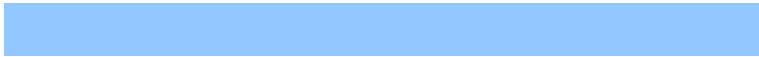
54.6395, 0.2434, 0.2631



54.6395, 0.2714, 0.2598

Triad

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



54.6395, 0.2434, 0.2631



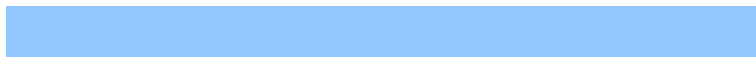
54.6395, 0.3888, 0.3308



54.6395, 0.3085, 0.3963

Complementary

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



54.6395, 0.2434, 0.2631



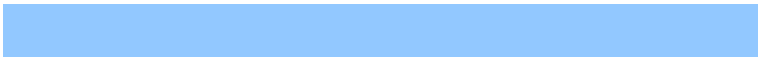
65.0651, 0.3993, 0.3861

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.



54.6395, 0.3512, 0.4073



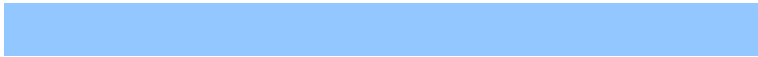
54.6395, 0.2434, 0.2631



54.6395, 0.3993, 0.3655

Square

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



54.6395, 0.2434, 0.2631



54.6395, 0.3559, 0.2977



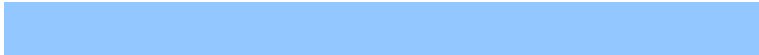
54.6395, 0.3849, 0.3943



54.6395, 0.2687, 0.3625

Rectangle

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



54.6395, 0.2434, 0.2631



54.6395, 0.2977, 0.2666



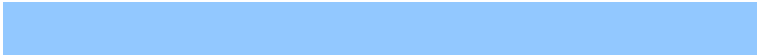
54.6395, 0.3849, 0.3943



54.6395, 0.3230, 0.4028

Sweetspot

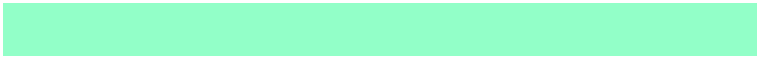
The Sweet Spot groups the original color and five complimentary colors.



54.6416, 0.2434, 0.2631



84.0435, 0.2923, 0.3118



81.8158, 0.2798, 0.3942



17.4505, 0.2888, 0.3087



0.0000, 0.0000, 0.0000



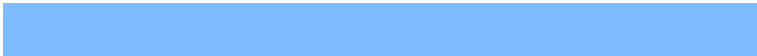
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6416, 0.2434, 0.2631



48.1619, 0.2303, 0.2476



33.8612, 0.2321, 0.1957



18.8657, 0.2979, 0.3167



11.9285, 0.1767, 0.1560



1.3797, 0.1824, 0.1767

Inverse Universe

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



45.9673, 0.3683, 0.2733



39.6079, 0.3843, 0.2633



94.8522, 0.3767, 0.4347



18.1373, 0.3216, 0.3173



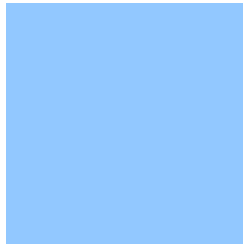
11.9322, 0.4982, 0.2518



1.1838, 0.4725, 0.2377

Previews

White Background



This preview shows how the Yxy color 54.6395, 0.2434, 0.2631 looks on a white background.

Color Contrast Check

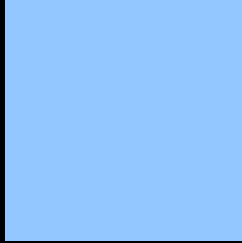
Large Text (above 18pt) WCAG AA × Fail

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 54.6395, 0.2434, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

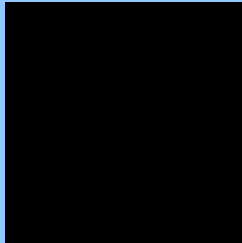
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

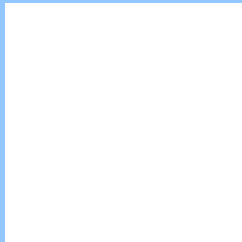
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6395, 0.2434, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 54.6395, 0.2434, 0.2631.



This preview shows how white text looks on a background with the Yxy color 54.6395, 0.2434, 0.2631.

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

54.6395, 0.2434, 0.2631

Protanopia

54.2421, 0.2656, 0.2630

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.7349, 0.2566, 0.3082

Trichromacy



Original Color

54.6395, 0.2434, 0.2631

Protanomaly

54.3201, 0.2572, 0.2632

Deuteranomaly

54.1284, 0.2549, 0.2579

Tritanomaly

54.7017, 0.2516, 0.2912

Monochromacy



Original Color

54.6395, 0.2434, 0.2631

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4373, 0.2834, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6395, 0.2434, 0.2631 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, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.6395, 0.2434, 0.2631 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, 200, 255) }
```

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

```
.border{ border-color:rgb(146, 200, 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, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6395, 0.2434, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 200, 255) }
```

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

```
.background{ background-color: rgb(146,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor