

Converting Colors

Yxy(54.7391, 0.2407, 0.2642)

Have a look what the booklet for
Yxy(54.7391, 0.2407, 0.2642)
contains.

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Color

Yxy(54.5687, 0.2405, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	8CC9FF
RGB	140, 201, 255
RGB Percent	55%, 79%, 100%
CMY	0.4511, 0.2117, 0.0000
CMYK	0.45, 0.21, 0.00, 0.00
HSL	208°, 100%, 77%
HSV	208°, 45%, 100%
XYZ	49.7489, 54.5687, 102.5387
YIQ	188.9170, -53.6900, 3.8620

Conversions

Conversions Part 2

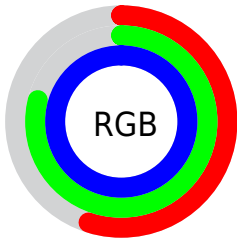
Format	Color
R _Y B	140, 180, 255
Decimal	9226751
CIE Lab	78.79, -5.64, -32.60
CIE LCh	79, 33.086, 260.192
Yxy	54.5687, 0.2405, 0.2638
Android (android.graphics.Color)	4287416831 (0xFF8CC9FF)
YUV	188.9170, 32.5789, -42.9002
Hunter-Lab	73.8706, -9.0609, -30.5901

Details

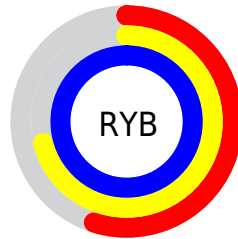
The Yxy color **54.5687, 0.2405, 0.2638** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.7129, 0.4072, 0.3851**, and the grayscale version is **50.6673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.7385, 0.2229, 0.2472** is the 20% darker color. If you saturate the color by 10%, you get **47.2411, 0.2254, 0.2461**, and if you desaturate by 10%, it is **62.8451, 0.2565, 0.2806**.

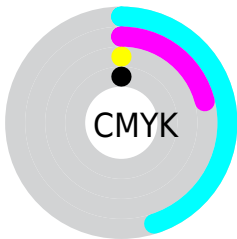
Distribution



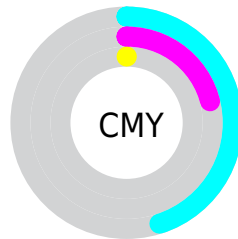
- Red (55%)
- Green (79%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5687, 0.2405, 0.2638 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 54.5687, 0.2405, 0.2638 by changing the saturation by 10% instead.


 54.5687, 0.2405,
0.2638

 54.5687, 0.2405,
0.2638


404.2749, 0.2746,
0.2951

 39.0565, 0.2327,
0.2565


 96.9087, 0.2524,
0.2748

 26.8037, 0.2230,
0.2474


 124.5054, 0.2570,
0.2791

 17.4258, 0.2108,
0.2358


156.8990, 0.2609,
0.2827

 10.5386, 0.1950,
0.2206

194.4739, 0.2644,
0.2858

 5.7575, 0.1739,
0.1999

237.6146, 0.2674,
0.2886

 2.6982, 0.1448,
0.1709

286.7054, 0.2701,

 0.9763, 0.1038,

0.2910

0.1287

342.1307, 0.2724,
0.2932

0.0000, 0.0000,
0.0000

54.5687, 0.2405,
0.2638

54.5687, 0.2405,
0.2638

47.2411, 0.2254,
0.2461

62.8451, 0.2565,
0.2806

40.8152, 0.2115,
0.2278

72.1109, 0.2728,
0.2961

35.2405, 0.1994,
0.2092

82.4058, 0.2890,
0.3102

30.4591, 0.1896,
0.1908

93.7662, 0.3048,
0.3230

26.4018, 0.1821,
0.1732

100.0000, 0.3127,
0.3290

■ 24.6387, 0.1792,
0.1650

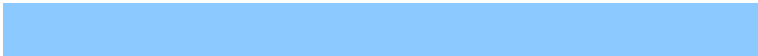
Harmonies

Analogous

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



54.5687, 0.2321, 0.2865



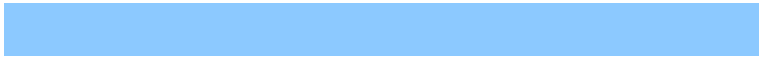
54.5687, 0.2405, 0.2638



54.5687, 0.2670, 0.2586

Triad

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



54.5687, 0.2405, 0.2638



54.5687, 0.3869, 0.3268



54.5687, 0.3133, 0.3997

Complementary

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



54.5687, 0.2405, 0.2638



61.7129, 0.4072, 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.



54.5687, 0.3561, 0.4079



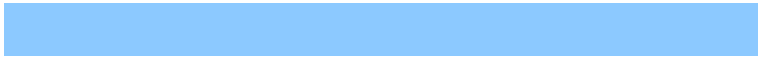
54.5687, 0.2405, 0.2638



54.5687, 0.4005, 0.3621

Square

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



54.5687, 0.2405, 0.2638



54.5687, 0.3517, 0.2939



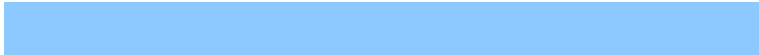
54.5687, 0.3885, 0.3923



54.5687, 0.2722, 0.3676

Rectangle

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



54.5687, 0.2405, 0.2638



54.5687, 0.2927, 0.2643



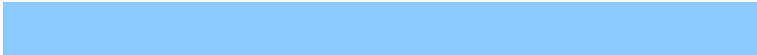
54.5687, 0.3885, 0.3923



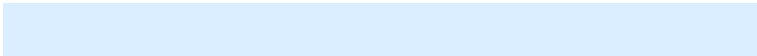
54.5687, 0.3280, 0.4054

Sweetspot

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



54.5691, 0.2405, 0.2638



83.6187, 0.2908, 0.3117



80.9708, 0.2803, 0.4034



17.3979, 0.2873, 0.3088



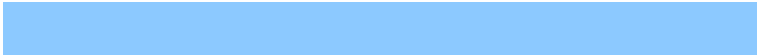
0.0000, 0.0000, 0.0000



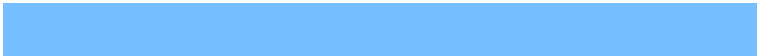
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5691, 0.2405, 0.2638



48.0124, 0.2270, 0.2481



32.6753, 0.2278, 0.1918



18.9738, 0.2979, 0.3176



13.1761, 0.1799, 0.1678



1.5018, 0.1854, 0.1874

Inverse Universe

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



44.2212, 0.3685, 0.2665



37.7867, 0.3850, 0.2554



92.2498, 0.3814, 0.4369



18.1482, 0.3211, 0.3165



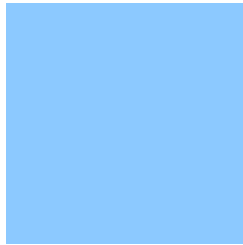
12.0581, 0.4834, 0.2437



1.1961, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 54.5687, 0.2405, 0.2638 looks on a white background.

Color Contrast Check

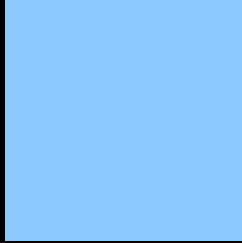
Large Text (above 18pt) WCAG AA × Fail

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 54.5687, 0.2405, 0.2638 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

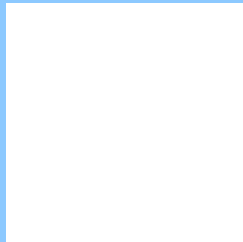
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5687, 0.2405, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 54.5687, 0.2405, 0.2638.



This preview shows how white text looks on a background with the Yxy color 54.5687, 0.2405, 0.2638.

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

54.5687, 0.2405, 0.2638

Protanopia

54.1799, 0.2662, 0.2641

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.7787, 0.2531, 0.3081

Trichromacy



Original Color

54.5687, 0.2405, 0.2638

Protanomaly

53.9946, 0.2554, 0.2629

Deuteranomaly

54.2495, 0.2532, 0.2588

Tritanomaly

54.7291, 0.2481, 0.2910

Monochromacy



Original Color

54.5687, 0.2405, 0.2638

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6020, 0.2818, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5687, 0.2405, 0.2638 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(140, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.5687, 0.2405, 0.2638 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(140, 201, 255) }
```

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

```
.border{ border-color:rgb(140, 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(140, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5687, 0.2405, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 201, 255) }
```

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

```
.background{ background-color: rgb(140,  
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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