

Converting Colors

Yxy(57.6615, 0.2477, 0.2701)

Have a look what the booklet for
Yxy(57.6615, 0.2477, 0.2701)
contains.

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Color

Yxy(57.5580, 0.2477, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	98CDFF
RGB	152, 205, 255
RGB Percent	60%, 80%, 100%
CMY	0.4035, 0.1961, 0.0000
CMYK	0.40, 0.20, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	52.8433, 57.5580, 102.9345
YIQ	194.8530, -47.6380, 4.3140

Conversions

Conversions Part 2

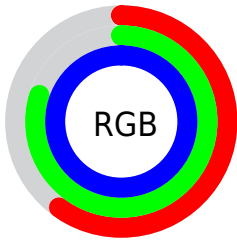
Format	Color
R _Y B	152, 187, 255
Decimal	10014207
CIE Lab	80.49, -4.78, -29.92
CIE LCh	80, 30.302, 260.928
Yxy	57.5580, 0.2477, 0.2698
Android (android.graphics.Color)	4288204287 (0xFF98CDFF)
YUV	194.8530, 29.6525, -37.5821
Hunter-Lab	75.8670, -8.4375, -27.3364

Details

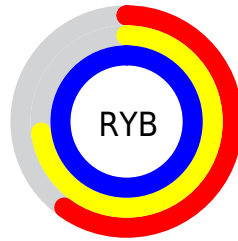
The Yxy color **57.5580, 0.2477, 0.2698** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.8237, 0.3940, 0.3810**, and the grayscale version is **54.3345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **28.6972, 0.2321, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **49.6602, 0.2319, 0.2519**, and if you desaturate by 10%, it is **66.4584, 0.2640, 0.2866**.

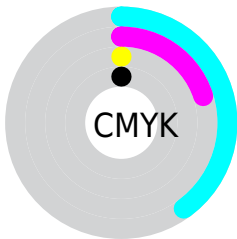
Distribution



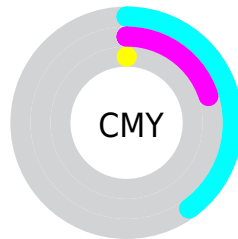
- Red (60%)
- Green (80%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5580, 0.2477, 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 57.5580, 0.2477, 0.2698 by changing the saturation by 10% instead.


 57.5580, 0.2477,
0.2698

 57.5580, 0.2477,
0.2698


415.5369, 0.2782,
0.2980

 41.4534, 0.2407,
0.2632


 101.2789, 0.2583,
0.2797

 28.6735, 0.2320,
0.2551


 129.6641, 0.2625,
0.2835

 18.8340, 0.2211,
0.2447


162.9115, 0.2660,
0.2868

 11.5504, 0.2069,
0.2311

201.4056, 0.2691,
0.2896

 6.4383, 0.1879,
0.2126

245.5308, 0.2718,
0.2921

 3.1134, 0.1615,
0.1864

295.6715, 0.2742,

 1.1912, 0.1234,

0.2943

0.1476

352.2121, 0.2763,
0.2963

0.0545, 0.0000,
0.0198

0.0000, 0.0000,
0.0000

57.5580, 0.2477,
0.2698

57.5580, 0.2477,
0.2698

49.6602, 0.2319,
0.2519

66.4584, 0.2640,
0.2866

42.7142, 0.2171,
0.2331

76.3972, 0.2804,
0.3020

36.6724, 0.2039,
0.2139

87.4152, 0.2966,
0.3160

31.4794, 0.1927,
0.1947

99.5491, 0.3122,
0.3286

■ 27.0708, 0.1839,
0.1762

100.0000, 0.3127,
0.3290

■ 23.4686, 0.1776,
0.1592

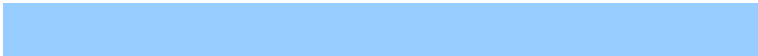
Harmonies

Analogous

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



57.5580, 0.2396, 0.2903



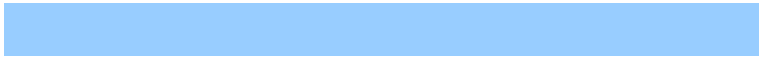
57.5580, 0.2477, 0.2698



57.5580, 0.2722, 0.2652

Triad

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



57.5580, 0.2477, 0.2698



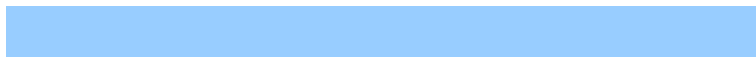
57.5580, 0.3799, 0.3281



57.5580, 0.3126, 0.3916

Complementary

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



57.5580, 0.2477, 0.2698



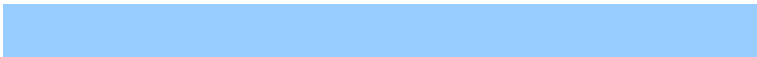
65.8237, 0.3940, 0.3810

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.



57.5580, 0.3512, 0.3999



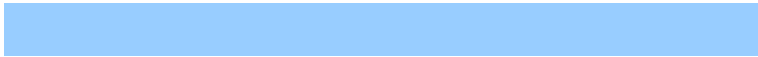
57.5580, 0.2477, 0.2698



57.5580, 0.3917, 0.3601

Square

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



57.5580, 0.2477, 0.2698



57.5580, 0.3488, 0.2980



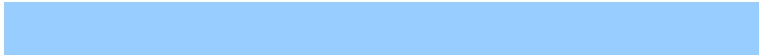
57.5580, 0.3806, 0.3870



57.5580, 0.2755, 0.3627

Rectangle

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



57.5580, 0.2477, 0.2698



57.5580, 0.2958, 0.2705



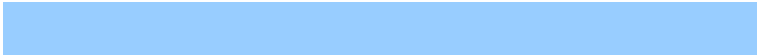
57.5580, 0.3806, 0.3870



57.5580, 0.3258, 0.3970

Sweetspot

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



57.5600, 0.2477, 0.2698



85.5263, 0.2940, 0.3138



82.4611, 0.2822, 0.3919



17.9898, 0.2919, 0.3120



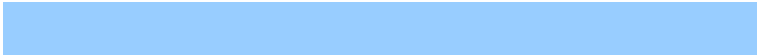
0.0000, 0.0000, 0.0000



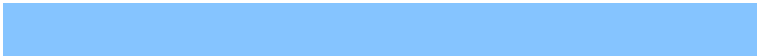
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5600, 0.2477, 0.2698



51.4325, 0.2355, 0.2562



36.9537, 0.2377, 0.2065



18.9218, 0.2979, 0.3171



12.5632, 0.1784, 0.1621



1.4420, 0.1840, 0.1822

Inverse Universe

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



48.1548, 0.3621, 0.2746



41.8889, 0.3759, 0.2647



93.9608, 0.3739, 0.4278



18.1430, 0.3213, 0.3168



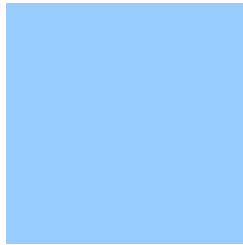
11.9962, 0.4905, 0.2476



1.1901, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 57.5580, 0.2477, 0.2698 looks on a white background.

Color Contrast Check

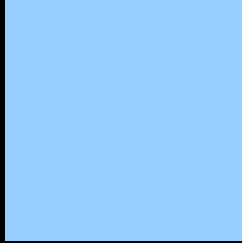
Large Text (above 18pt) WCAG AA × Fail

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 57.5580, 0.2477, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

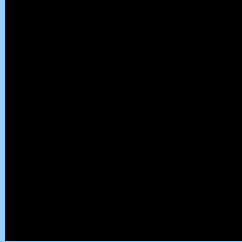
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

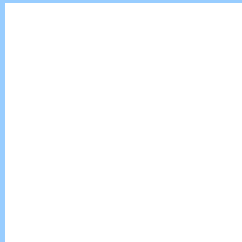
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5580, 0.2477, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 57.5580, 0.2477, 0.2698.



This preview shows how white text looks on a background with the Yxy color 57.5580, 0.2477, 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

57.5580, 0.2477, 0.2698

Protanopia

57.2112, 0.2701, 0.2696

Deuteranopia

57.3912, 0.2678, 0.2626



Tritanopia

57.6590, 0.2592, 0.3075

Trichromacy



Original Color

57.5580, 0.2477, 0.2698

Protanomaly

57.2723, 0.2617, 0.2699

Deuteranomaly

57.1808, 0.2599, 0.2647

Tritanomaly

57.5221, 0.2552, 0.2932

Monochromacy



Original Color

57.5580, 0.2477, 0.2698

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4403, 0.2854, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5580, 0.2477, 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(152, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 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(152, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.5580, 0.2477, 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(152, 205, 255) }
```

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

```
.border{ border-color:rgb(152, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5580, 0.2477, 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(152, 205, 255) }
```

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

```
.background{ background-color: rgb(152,  
205, 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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