

Converting Colors

$Y_{xy}(65.7362, 0.2052, 0.1852)$

Have a look what the booklet for
Yxy(65.7362, 0.2052, 0.1852)
contains.

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Color

Yxy(57.1134, 0.2427, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	8ECEFF
RGB	142, 206, 255
RGB Percent	56%, 81%, 100%
CMY	0.4428, 0.1922, 0.0001
CMYK	0.44, 0.19, 0.00, 0.00
HSL	206°, 100%, 78%
HSV	206°, 44%, 100%
XYZ	51.2816, 57.1134, 102.9013
YIQ	192.4500, -53.8730, 1.6710

Conversions

Conversions Part 2

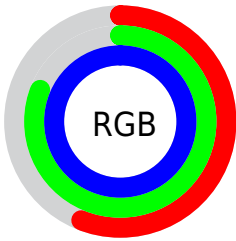
Format	Color
R _Y B	142, 183, 255
Decimal	9359103
CIE Lab	80.24, -7.80, -30.33
CIE LCh	80, 31.317, 255.587
Yxy	57.1134, 0.2427, 0.2703
Android (android.graphics.Color)	4287549183 (0xFF8ECEFF)
YUV	192.4500, 30.8372, -44.2446
Hunter-Lab	75.5734, -11.1293, -27.8283

Details

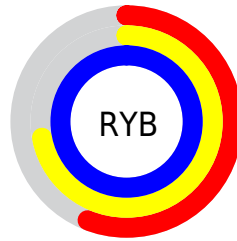
The Yxy color **57.1134, 0.2427, 0.2703** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.4933, 0.4069, 0.3801**, and the grayscale version is **52.8384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **28.4650, 0.2263, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **49.9713, 0.2279, 0.2541**, and if you desaturate by 10%, it is **65.1504, 0.2583, 0.2856**.

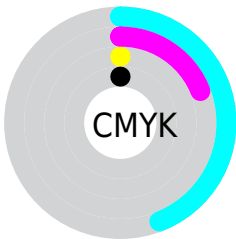
Distribution



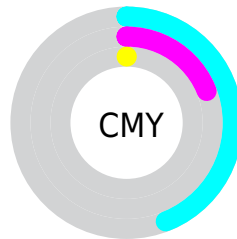
- Red (56%)
- Green (81%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1134, 0.2427, 0.2703 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 57.1134, 0.2427, 0.2703 by changing the saturation by 10% instead.

 57.1134, 0.2427,
0.2703


 57.1134, 0.2427,
0.2703


413.8741, 0.2755,
0.2985

 41.0963, 0.2352,
0.2637


 100.6306, 0.2541,
0.2802

 28.3943, 0.2260,
0.2555


 128.8996, 0.2585,
0.2840

 18.6231, 0.2143,
0.2450


162.0212, 0.2624,
0.2873

 11.3983, 0.1992,
0.2312

200.3800, 0.2657,
0.2901

 6.3354, 0.1791,
0.2124

244.3602, 0.2686,
0.2926

 3.0501, 0.1514,
0.1857

294.3464, 0.2712,

 1.1579, 0.1121,

0.2948

0.1462

350.7229, 0.2734,
0.2967

0.0269, 0.0000,
0.0099

0.0000, 0.0000,
0.0000

57.1134, 0.2427,
0.2703

57.1134, 0.2427,
0.2703

49.9713, 0.2279,
0.2541

65.1504, 0.2583,
0.2856

43.6745, 0.2145,
0.2372

74.1156, 0.2743,
0.2997

38.1769, 0.2028,
0.2201

84.0480, 0.2904,
0.3127

33.4238, 0.1932,
0.2031

94.9820, 0.3061,
0.3244

■ 29.3497, 0.1860,
0.1866

99.9980, 0.3127,
0.3290

■ 27.2735, 0.1826,
0.1774

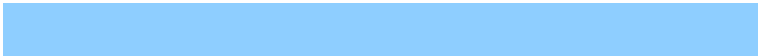
Harmonies

Analogous

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



57.1134, 0.2376, 0.2942



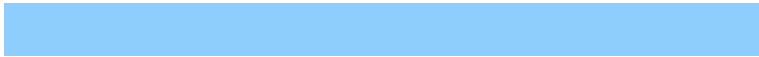
57.1134, 0.2427, 0.2703



57.1134, 0.2652, 0.2627

Triad

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



57.1134, 0.2427, 0.2703



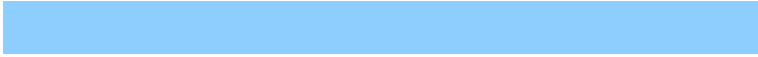
57.1134, 0.3779, 0.3221



57.1134, 0.3198, 0.3973

Complementary

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



57.1134, 0.2427, 0.2703



60.4933, 0.4069, 0.3801

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.



57.1134, 0.3589, 0.4016



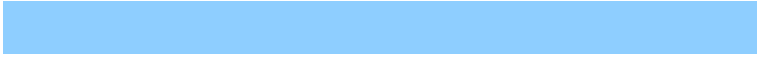
57.1134, 0.2427, 0.2703



57.1134, 0.3941, 0.3553

Square

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



57.1134, 0.2427, 0.2703



57.1134, 0.3430, 0.2920



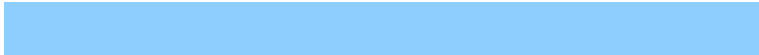
57.1134, 0.3867, 0.3847



57.1134, 0.2804, 0.3705

Rectangle

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



57.1134, 0.2427, 0.2703



57.1134, 0.2882, 0.2665



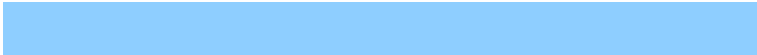
57.1134, 0.3867, 0.3847



57.1134, 0.3334, 0.4014

Sweetspot

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



57.1156, 0.2427, 0.2703



85.4112, 0.2924, 0.3143



81.0190, 0.2826, 0.4065



17.7879, 0.2889, 0.3115



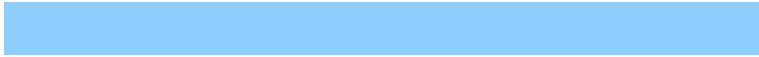
0.0000, 0.0000, 0.0000



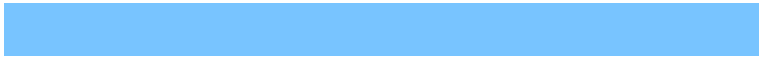
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1156, 0.2427, 0.2703



50.8493, 0.2298, 0.2562



34.6619, 0.2304, 0.1993



19.0847, 0.2979, 0.3184



14.5575, 0.1834, 0.1801



1.6348, 0.1885, 0.1985

Inverse Universe

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



45.0790, 0.3630, 0.2637



38.6593, 0.3776, 0.2519



90.0018, 0.3817, 0.4320



18.1594, 0.3205, 0.3156



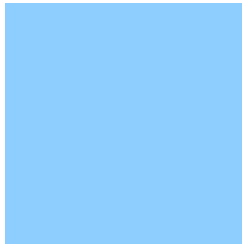
12.1975, 0.4685, 0.2354



1.2096, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 57.1134, 0.2427, 0.2703 looks on a white background.

Color Contrast Check

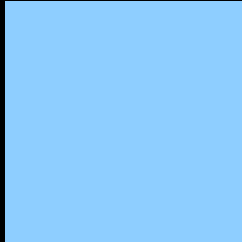
Large Text (above 18pt) WCAG AA × Fail

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 57.1134, 0.2427, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

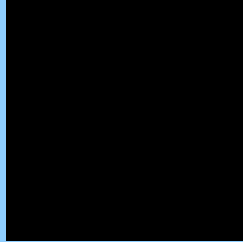
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

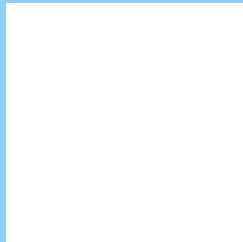
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1134, 0.2427, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 57.1134, 0.2427, 0.2703.

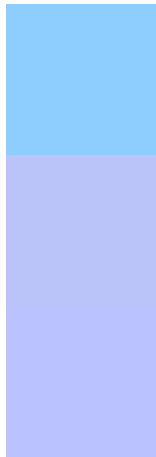


This preview shows how white text looks on a background with the Yxy color 57.1134, 0.2427, 0.2703.

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

57.1134, 0.2427, 0.2703

Protanopia

56.6963, 0.2706, 0.2695

Deuteranopia

56.6893, 0.2664, 0.2612



Tritanopia

57.2583, 0.2529, 0.3073

Trichromacy



Original Color

57.1134, 0.2427, 0.2703

Protanomaly

56.8196, 0.2592, 0.2695

Deuteranomaly

56.6129, 0.2569, 0.2642

Tritanomaly

57.0923, 0.2490, 0.2928

Monochromacy



Original Color

57.1134, 0.2427, 0.2703

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.8375, 0.2830, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1134, 0.2427, 0.2703 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(142, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 206, 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(142, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.1134, 0.2427, 0.2703 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(142, 206, 255) }
```

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

```
.border{ border-color:rgb(142, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1134, 0.2427, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 206, 255) }
```

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

```
.background{ background-color: rgb(142,  
206, 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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