

Converting Colors

$Y_{xy}(59.0495, 0.2398, 0.2504)$

Have a look what the booklet for
Yxy(59.0495, 0.2398, 0.2504)
contains.

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Color

Yxy(57.7527, 0.2487, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	9ACDFF
RGB	154, 205, 255
RGB Percent	60%, 80%, 100%
CMY	0.3964, 0.1960, 0.0000
CMYK	0.40, 0.20, 0.00, 0.00
HSL	210°, 100%, 80%
HSV	210°, 40%, 100%
XYZ	53.1967, 57.7527, 102.9495
YIQ	195.4510, -46.4460, 4.7380

Conversions

Conversions Part 2

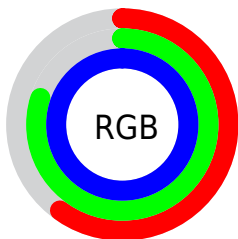
Format	Color
R_{YB}	154, 188, 255
Decimal	10145279
CIE Lab	80.60, -4.33, -29.75
CIE LCh	81, 30.059, 261.714
Yxy	57.7527, 0.2487, 0.2700
Android (android.graphics.Color)	4288335359 (0xFF9ACDFF)
YUV	195.4510, 29.3577, -36.3525
Hunter-Lab	75.9952, -8.0416, -27.1226

Details

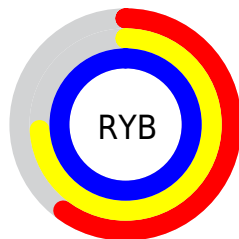
The Yxy color **57.7527, 0.2487, 0.2700** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7321, 0.3918, 0.3810**, and the grayscale version is **54.6914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **28.8071, 0.2333, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **49.7220, 0.2327, 0.2518**, and if you desaturate by 10%, it is **66.8054, 0.2651, 0.2870**.

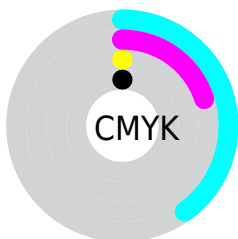
Distribution



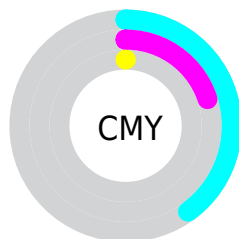
- Red (60%)
- Green (80%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- 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 57.7527, 0.2487, 0.2700 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 57.7527, 0.2487, 0.2700 by changing the saturation by 10% instead.


 57.7527, 0.2487,
0.2700


 57.7527, 0.2487,
0.2700


416.2638, 0.2788,
0.2981

 41.6099, 0.2418,
0.2635


 101.5626, 0.2592,
0.2799

 28.7959, 0.2333,
0.2553


 129.9985, 0.2632,
0.2837

 18.9265, 0.2225,
0.2450


163.3009, 0.2667,
0.2869

 11.6172, 0.2085,
0.2315

201.8542, 0.2698,
0.2897

 6.4836, 0.1898,
0.2132

246.0427, 0.2724,
0.2922

 3.1413, 0.1636,
0.1872

296.2509, 0.2748,

 1.2059, 0.1259,

0.2944

0.1487

352.8631, 0.2769,
0.2963

0.0665, 0.0000,
0.0240

0.0000, 0.0000,
0.0000

57.7527, 0.2487,
0.2700

57.7527, 0.2487,
0.2700

49.7220, 0.2327,
0.2518

66.8054, 0.2651,
0.2870

42.6612, 0.2177,
0.2327

76.9154, 0.2816,
0.3026

36.5230, 0.2043,
0.2132

88.1243, 0.2977,
0.3168

31.2516, 0.1928,
0.1937

99.9999, 0.3127,
0.3290

■ 26.7828, 0.1837,
0.1748

■ 23.0220, 0.1770,
0.1570

■ 22.8949, 0.1768,
0.1563

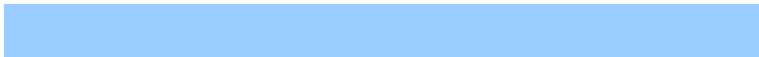
Harmonies

Analogous

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



57.7527, 0.2402, 0.2900



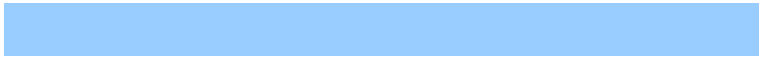
57.7527, 0.2487, 0.2700



57.7527, 0.2734, 0.2658

Triad

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



57.7527, 0.2487, 0.2700



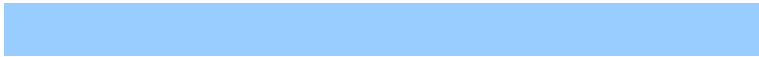
57.7527, 0.3799, 0.3290



57.7527, 0.3116, 0.3905

Complementary

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



57.7527, 0.2487, 0.2700



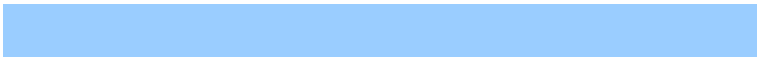
66.7321, 0.3918, 0.3810

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.



57.7527, 0.3499, 0.3993



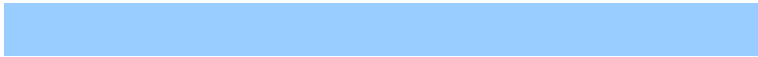
57.7527, 0.2487, 0.2700



57.7527, 0.3909, 0.3607

Square

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



57.7527, 0.2487, 0.2700



57.7527, 0.3495, 0.2989



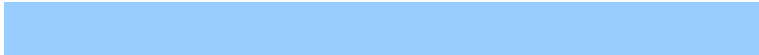
57.7527, 0.3794, 0.3870



57.7527, 0.2750, 0.3614

Rectangle

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



57.7527, 0.2487, 0.2700



57.7527, 0.2969, 0.2714



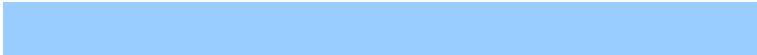
57.7527, 0.3794, 0.3870



57.7527, 0.3247, 0.3960

Sweetspot

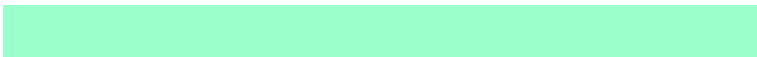
The Sweet Spot groups the original color and five complimentary colors.



57.7549, 0.2487, 0.2700



85.3740, 0.2939, 0.3136



82.6836, 0.2826, 0.3906



17.9540, 0.2919, 0.3117



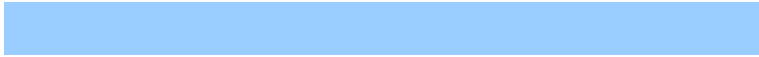
0.0000, 0.0000, 0.0000



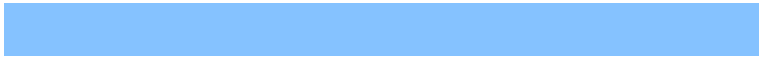
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7549, 0.2487, 0.2700



50.9688, 0.2353, 0.2549



37.7299, 0.2392, 0.2090



18.8955, 0.2979, 0.3169



12.2625, 0.1776, 0.1592



1.4126, 0.1832, 0.1796

Inverse Universe

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



48.7559, 0.3618, 0.2764



41.8421, 0.3770, 0.2657



94.0398, 0.3729, 0.4261



18.1403, 0.3215, 0.3170



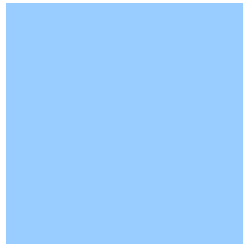
11.9659, 0.4941, 0.2496



1.1871, 0.4690, 0.2357

Previews

White Background



This preview shows how the Yxy color 57.7527, 0.2487, 0.2700 looks on a white background.

Color Contrast Check

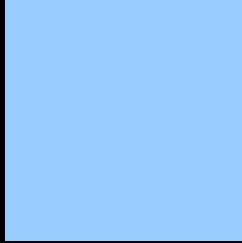
Large Text (above 18pt) WCAG AA × Fail

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 57.7527, 0.2487, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

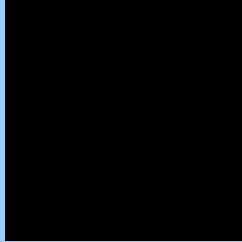
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

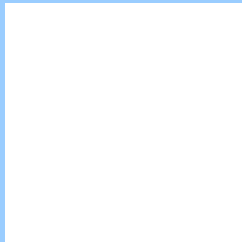
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7527, 0.2487, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 57.7527, 0.2487, 0.2700.



This preview shows how white text looks on a background with the Yxy color 57.7527, 0.2487, 0.2700.

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

57.7527, 0.2487, 0.2700

Protanopia

57.3369, 0.2708, 0.2698

Deuteranopia

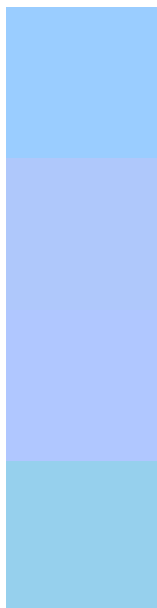
57.5187, 0.2685, 0.2628



Tritanopia

57.8423, 0.2603, 0.3076

Trichromacy



Original Color

57.7527, 0.2487, 0.2700

Protanomaly

57.3875, 0.2623, 0.2700

Deuteranomaly

57.2970, 0.2606, 0.2648

Tritanomaly

57.7102, 0.2563, 0.2933

Monochromacy



Original Color

57.7527, 0.2487, 0.2700

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5599, 0.2861, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7527, 0.2487, 0.2700 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(154, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.7527, 0.2487, 0.2700 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(154, 205, 255) }
```

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

```
.border{ border-color:rgb(154, 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(154, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7527, 0.2487, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 205, 255) }
```

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

```
.background{ background-color: rgb(154,  
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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