

Converting Colors

$Y_{xy}(59.4509, 0.2565, 0.2790)$

Have a look what the booklet for
Yxy(59.4509, 0.2565, 0.2790)
contains.

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Color

Yxy(59.3143, 0.2567, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	A3CFFA
RGB	163, 207, 250
RGB Percent	64%, 81%, 98%
CMY	0.3607, 0.1882, 0.0197
CMYK	0.35, 0.17, 0.00, 0.02
HSL	210°, 90%, 81%
HSV	210°, 35%, 98%
XYZ	54.6714, 59.3143, 98.9921
YIQ	198.7460, -40.0270, 4.0450

Conversions

Conversions Part 2

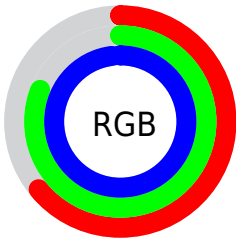
Format	Color
RYB	163, 192, 250
Decimal	10735610
CIELab	81.46, -4.28, -25.71
CIELCh	81, 26.063, 260.551
Yxy	59.3143, 0.2567, 0.2785
Android (android.graphics.Color)	4288925690 (0xFFA3CFFA)
YUV	198.7460, 25.2682, -31.3492
Hunter-Lab	77.0158, -8.0654, -22.2972

Details

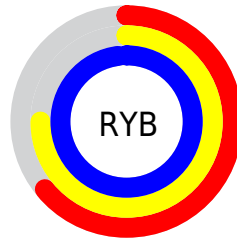
The Yxy color **59.3143, 0.2567, 0.2785** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1032, 0.3800, 0.3744**, and the grayscale version is **56.8135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **29.8209, 0.2433, 0.2667** is the 20% darker color. If you saturate the color by 10%, you get **51.1795, 0.2405, 0.2609**, and if you desaturate by 10%, it is **68.4436, 0.2732, 0.2948**.

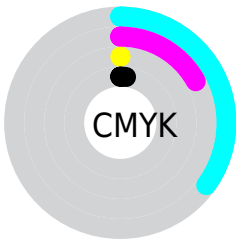
Distribution



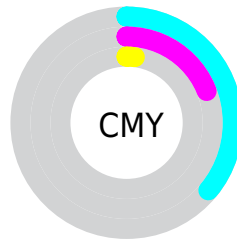
- Red (64%)
- Green (81%)
- Blue (98%)



- Red (64%)
- Yellow (75%)
- Blue (98%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3143, 0.2567, 0.2785 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 59.3143, 0.2567, 0.2785 by changing the saturation by 10% instead.

■ 59.3143, 0.2567,
0.2785

■ 59.3143, 0.2567,
0.2785

422.0657, 0.2830,
0.3025

■ 42.8662, 0.2506,
0.2729

■ 103.8343, 0.2659,
0.2869

■ 29.7801, 0.2431,
0.2659

■ 132.6750, 0.2694,
0.2902

■ 19.6718, 0.2336,
0.2570

166.4154, 0.2725,
0.2930

■ 12.1567, 0.2212,
0.2452

205.4398, 0.2752,
0.2954

■ 6.8505, 0.2045,
0.2292

250.1326, 0.2775,
0.2975

■ 3.3688, 0.1807,
0.2061

300.8783, 0.2795,

■ 1.3271, 0.1455,

0.2994

0.1709

358.0612, 0.2814,
0.3011

0.1621, 0.0192,
0.0628

0.0000, 0.0000,
0.0000

59.3143, 0.2567,
0.2785

59.3143, 0.2567,
0.2785

51.1795, 0.2405,
0.2609

68.4436, 0.2732,
0.2948

43.9907, 0.2250,
0.2422

78.5991, 0.2895,
0.3097

37.7051, 0.2107,
0.2229

89.8195, 0.3053,
0.3231

32.2727, 0.1982,
0.2033

99.6809, 0.3156,
0.3338

■ 27.6369, 0.1879,
0.1841

■ 23.7300, 0.1801,
0.1658

■ 21.9370, 0.1769,
0.1566

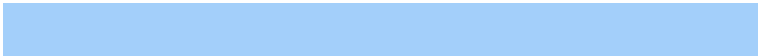
Harmonies

Analogous

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



59.3143, 0.2499, 0.2966



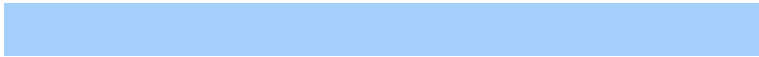
59.3143, 0.2567, 0.2785



59.3143, 0.2778, 0.2740

Triad

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



59.3143, 0.2567, 0.2785



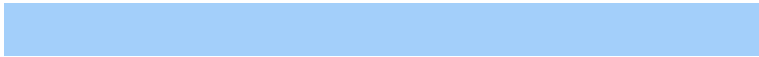
59.3143, 0.3696, 0.3283



59.3143, 0.3133, 0.3820

Complementary

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



59.3143, 0.2567, 0.2785



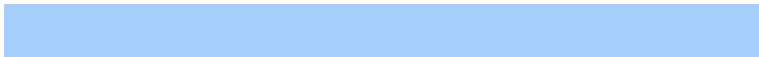
67.1032, 0.3800, 0.3744

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.



59.3143, 0.3462, 0.3891



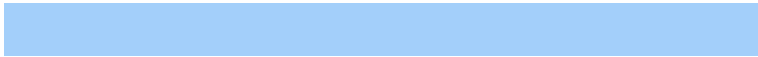
59.3143, 0.2567, 0.2785



59.3143, 0.3798, 0.3559

Square

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



59.3143, 0.2567, 0.2785



59.3143, 0.3432, 0.3021



59.3143, 0.3709, 0.3786



59.3143, 0.2815, 0.3579

Rectangle

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



59.3143, 0.2567, 0.2785



59.3143, 0.2980, 0.2785



59.3143, 0.3709, 0.3786



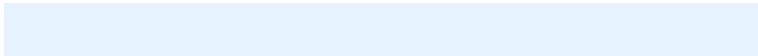
59.3143, 0.3247, 0.3865

Sweetspot

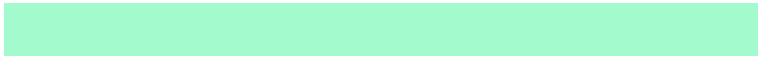
The Sweet Spot groups the original color and five complimentary colors.



59.3166, 0.2567, 0.2785



87.7022, 0.2971, 0.3163



80.5568, 0.2858, 0.3817



18.4216, 0.2949, 0.3144



0.0000, 0.0000, 0.0000



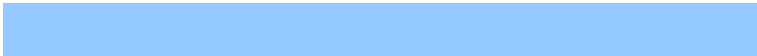
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3166, 0.2567, 0.2785



55.7824, 0.2449, 0.2658



41.4064, 0.2496, 0.2261



18.0943, 0.2980, 0.3170



11.9268, 0.1776, 0.1595



1.3168, 0.1836, 0.1809

Inverse Universe

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



51.0252, 0.3537, 0.2830



46.6762, 0.3658, 0.2733



90.4265, 0.3657, 0.4146



17.3717, 0.3214, 0.3171



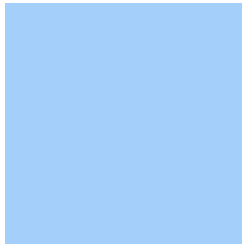
11.6149, 0.4938, 0.2494



1.0972, 0.4675, 0.2349

Previews

White Background



This preview shows how the Yxy color 59.3143, 0.2567, 0.2785 looks on a white background.

Color Contrast Check

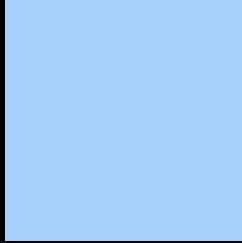
Large Text (above 18pt) WCAG AA × Fail

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 59.3143, 0.2567, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

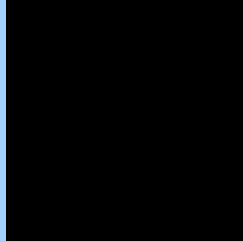
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

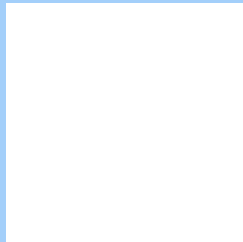
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3143, 0.2567, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 59.3143, 0.2567, 0.2785.



This preview shows how white text looks on a background with the Yxy color 59.3143, 0.2567, 0.2785.

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

59.3143, 0.2567, 0.2785

Protanopia

59.1076, 0.2768, 0.2779

Deuteranopia

59.1522, 0.2751, 0.2689



Tritanopia

59.4591, 0.2663, 0.3080

Trichromacy



Original Color

59.3143, 0.2567, 0.2785

Protanomaly

59.2510, 0.2687, 0.2783

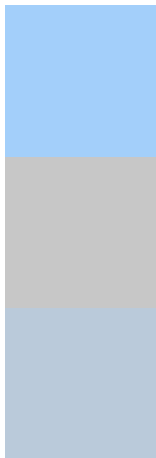
Deuteranomaly

58.9287, 0.2681, 0.2721

Tritanomaly

59.6229, 0.2629, 0.2975

Monochromacy



Original Color

59.3143, 0.2567, 0.2785

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7421, 0.2898, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3143, 0.2567, 0.2785 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(163, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(163, 207, 250)  
}
```

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(163, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 207, 250) }
```

Border

The CSS property to change the border of an element to Yxy 59.3143, 0.2567, 0.2785 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(163, 207, 250) }
```

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

```
.border{ border-color:rgb(163, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 207, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 207, 250); box-shadow:4px 4px 4px 4px rgb(163, 207, 250) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3143, 0.2567, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 207, 250) }
```

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

```
.background{ background-color: rgb(163,  
207, 250) }
```

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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