

Converting Colors

Yxy(59.3449, 0.2647, 0.2869)

Have a look what the booklet for
Yxy(59.3449, 0.2647, 0.2869)
contains.

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Color

Yxy(59.5825, 0.2652, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	AACFF2
RGB	170, 207, 242
RGB Percent	67%, 81%, 95%
CMY	0.3331, 0.1883, 0.0511
CMYK	0.30, 0.14, 0.00, 0.05
HSL	209°, 73%, 81%
HSV	209°, 30%, 95%
XYZ	54.9228, 59.5825, 92.5941
YIQ	199.9270, -33.2870, 3.0410

Conversions

Conversions Part 2

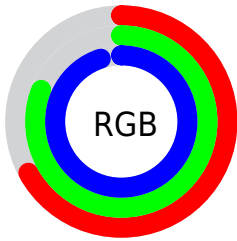
Format	Color
R _Y B	170, 194, 242
Decimal	11194354
CIE Lab	81.61, -4.27, -21.19
CIE LCh	82, 21.616, 258.594
Yxy	59.5825, 0.2652, 0.2877
Android (android.graphics.Color)	4289384434 (0xFFAACFF2)
YUV	199.9270, 20.7420, -26.2460
Hunter-Lab	77.1897, -8.0739, -17.0895

Details

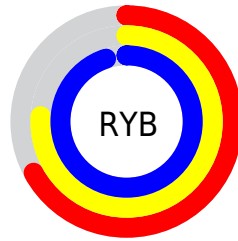
The Yxy color **59.5825, 0.2652, 0.2877** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.4587, 0.3683, 0.3669**, and the grayscale version is **57.6032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **30.0406, 0.2535, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **51.6386, 0.2489, 0.2710**, and if you desaturate by 10%, it is **68.4526, 0.2816, 0.3030**.

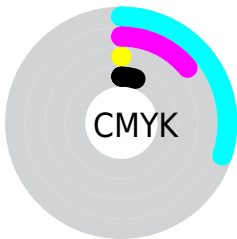
Distribution



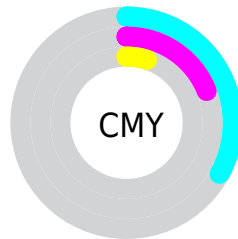
- Red (67%)
- Green (81%)
- Blue (95%)



- Red (67%)
- Yellow (76%)
- Blue (95%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5825, 0.2652, 0.2877 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 59.5825, 0.2652, 0.2877 by changing the saturation by 10% instead.

■ 59.5825, 0.2652,
0.2877

■ 59.5825, 0.2652,
0.2877

423.0572, 0.2876,
0.3074

■ 43.0822, 0.2600,
0.2831

■ 104.2238, 0.2730,
0.2947

■ 29.9496, 0.2535,
0.2773

133.1336, 0.2761,
0.2973

■ 19.8004, 0.2453,
0.2698

166.9487, 0.2787,
0.2996

■ 12.2500, 0.2345,
0.2599

206.0534, 0.2809,
0.3016

■ 6.9142, 0.2197,
0.2463

250.8323, 0.2829,
0.3033

■ 3.4085, 0.1985,
0.2262

301.6696, 0.2847,

■ 1.3485, 0.1658,

0.3049

0.1946

358.9497, 0.2862,
0.3062

0.1783, 0.0309,
0.0846

0.0000, 0.0000,
0.0000

59.5825, 0.2652,
0.2877

59.5825, 0.2652,
0.2877

51.6386, 0.2489,
0.2710

68.4526, 0.2816,
0.3030

44.5775, 0.2331,
0.2532

78.2760, 0.2976,
0.3169

38.3619, 0.2182,
0.2345

89.0871, 0.3131,
0.3293

32.9489, 0.2049,
0.2154

98.6004, 0.3203,
0.3406

■ 28.2900, 0.1936,
0.1962

■ 99.1897, 0.3203,
0.3415

■ 24.3293, 0.1846,
0.1776

■ 20.9819, 0.1778,
0.1600

■ 20.8961, 0.1777,
0.1596

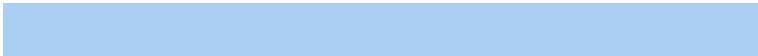
Harmonies

Analogous

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



59.5825, 0.2603, 0.3038



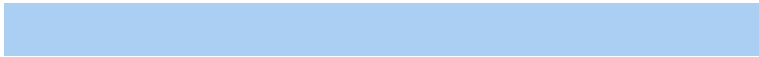
59.5825, 0.2652, 0.2877



59.5825, 0.2823, 0.2829

Triad

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



59.5825, 0.2652, 0.2877



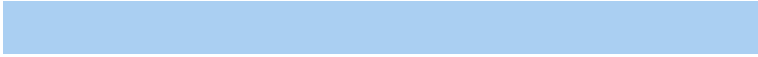
59.5825, 0.3586, 0.3272



59.5825, 0.3153, 0.3733

Complementary

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



59.5825, 0.2652, 0.2877



65.4587, 0.3683, 0.3669

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.



59.5825, 0.3423, 0.3785



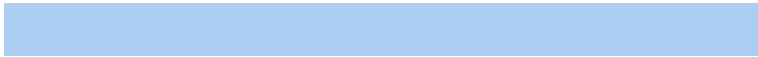
59.5825, 0.2652, 0.2877



59.5825, 0.3681, 0.3504

Square

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



59.5825, 0.2652, 0.2877



59.5825, 0.3363, 0.3053



59.5825, 0.3619, 0.3694



59.5825, 0.2884, 0.3544

Rectangle

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



59.5825, 0.2652, 0.2877



59.5825, 0.2989, 0.2861



59.5825, 0.3619, 0.3694



59.5825, 0.3247, 0.3767

Sweetspot

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



59.5849, 0.2652, 0.2877



88.9877, 0.2987, 0.3178



76.4437, 0.2894, 0.3728



18.6844, 0.2964, 0.3159



0.0000, 0.0000, 0.0000



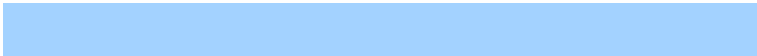
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5849, 0.2652, 0.2877



61.2935, 0.2548, 0.2772



44.1822, 0.2603, 0.2435



16.5714, 0.2980, 0.3172



11.5025, 0.1785, 0.1624



1.1561, 0.1849, 0.1858

Inverse Universe

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



52.1476, 0.3455, 0.2894



52.1960, 0.3550, 0.2806



84.5597, 0.3580, 0.4022



15.8944, 0.3213, 0.3169



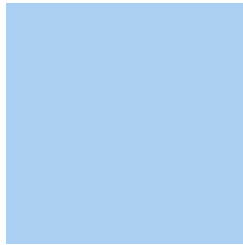
10.9545, 0.4901, 0.2473



0.9314, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 59.5825, 0.2652, 0.2877 looks on a white background.

Color Contrast Check

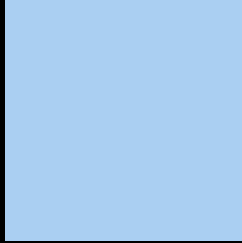
Large Text (above 18pt) WCAG AA × Fail

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 59.5825, 0.2652, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

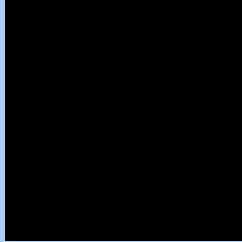
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

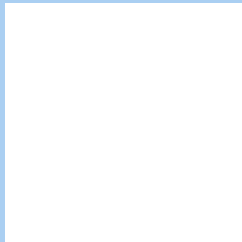
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5825, 0.2652, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 59.5825, 0.2652, 0.2877.

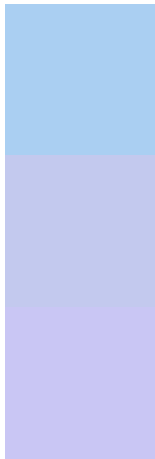


This preview shows how white text looks on a background with the Yxy color 59.5825, 0.2652, 0.2877.

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

59.5825, 0.2652, 0.2877

Protanopia

59.5484, 0.2833, 0.2868

Deuteranopia

59.3373, 0.2835, 0.2775



Tritanopia

59.7997, 0.2728, 0.3095

Trichromacy



Original Color

59.5825, 0.2652, 0.2877

Protanomaly

59.3830, 0.2767, 0.2873

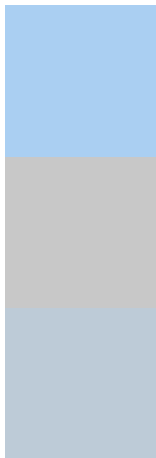
Deuteranomaly

59.1915, 0.2768, 0.2810

Tritanomaly

59.7520, 0.2698, 0.3013

Monochromacy



Original Color

59.5825, 0.2652, 0.2877

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4370, 0.2940, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5825, 0.2652, 0.2877 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(170, 207, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 242)  
}
```

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(170, 207, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 242) }
```

Border

The CSS property to change the border of an element to Yxy 59.5825, 0.2652, 0.2877 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(170, 207, 242) }
```

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

```
.border{ border-color:rgb(170, 207, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 207, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5825, 0.2652, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 242) }
```

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

```
.background{ background-color: rgb(170,  
207, 242) }
```

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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