

Converting Colors

$Y_{xy}(60.0581, 0.2558, 0.2861)$

Have a look what the booklet for
Yxy(60.0581, 0.2558, 0.2861)
contains.

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Color

Yxy(59.9151, 0.2559, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	9DD2F6
RGB	157, 210, 246
RGB Percent	62%, 82%, 96%
CMY	0.3841, 0.1765, 0.0354
CMYK	0.36, 0.15, 0.00, 0.04
HSL	204°, 83%, 79%
HSV	204°, 36%, 96%
XYZ	53.5906, 59.9151, 95.9144
YIQ	198.2570, -43.1440, -0.0400

Conversions

Conversions Part 2

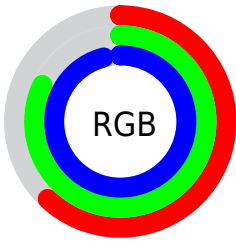
Format	Color
R _{YB}	157, 190, 246
Decimal	10343158
CIE Lab	81.79, -8.45, -23.11
CIE LCh	82, 24.611, 249.918
Yxy	59.9151, 0.2559, 0.2861
Android (android.graphics.Color)	4288533238 (0xFF9DD2F6)
YUV	198.2570, 23.5373, -36.1824
Hunter-Lab	77.4048, -11.8755, -19.2844

Details

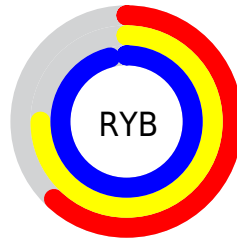
The Yxy color **59.9151, 0.2559, 0.2861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1834, 0.3862, 0.3680**, and the grayscale version is **56.5170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.3194, 0.2421, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **52.9230, 0.2408, 0.2718**, and if you desaturate by 10%, it is **67.7157, 0.2716, 0.2994**.

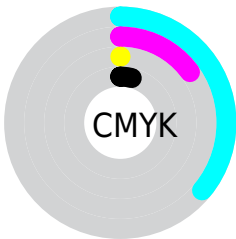
Distribution



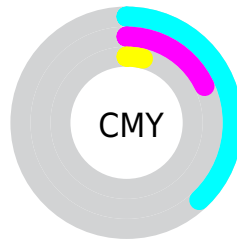
- Red (62%)
- Green (82%)
- Blue (96%)



- Red (62%)
- Yellow (75%)
- Blue (96%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)





- Cyan (38%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9151, 0.2559, 0.2861 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 59.9151, 0.2559, 0.2861 by changing the saturation by 10% instead.


 59.9151, 0.2559,
0.2861


 59.9151, 0.2559,
0.2861


424.2848, 0.2825,
0.3067

 43.3502, 0.2498,
0.2812


 104.7065, 0.2652,
0.2934

 30.1600, 0.2422,
0.2751


 133.7018, 0.2688,
0.2962

 19.9601, 0.2326,
0.2673


167.6093, 0.2719,
0.2986

 12.3660, 0.2201,
0.2569

206.8136, 0.2745,
0.3007

 6.9935, 0.2032,
0.2425

251.6988, 0.2769,
0.3025

 3.4580, 0.1793,
0.2214

302.6495, 0.2790,

 1.3753, 0.1437,

0.3041

0.1883

360.0500, 0.2808,
0.3055

■ 0.1984, 0.0000,
0.0856

■ 0.0000, 0.0000,
0.0000

■ 59.9151, 0.2559,
0.2861

■ 59.9151, 0.2559,
0.2861

■ 52.9230, 0.2408,
0.2718

■ 67.7157, 0.2716,
0.2994

■ 46.6969, 0.2266,
0.2567

■ 76.3507, 0.2875,
0.3117

■ 41.2001, 0.2139,
0.2410

■ 85.8532, 0.3032,
0.3228

■ 36.3891, 0.2030,
0.2251

■ 96.1675, 0.3183,
0.3327

■ 32.2138, 0.1943,
0.2093

■ 99.4328, 0.3179,
0.3376

■ 28.6133, 0.1877,
0.1939

■ 27.3472, 0.1856,
0.1881

Harmonies

Analogous

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



59.9151, 0.2547, 0.3074



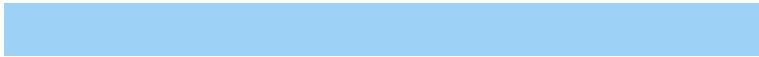
59.9151, 0.2559, 0.2861



59.9151, 0.2714, 0.2771

Triad

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



59.9151, 0.2559, 0.2861



59.9151, 0.3588, 0.3192



59.9151, 0.3247, 0.3831

Complementary

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



59.9151, 0.2559, 0.2861



60.1834, 0.3862, 0.3680

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.



59.9151, 0.3539, 0.3838



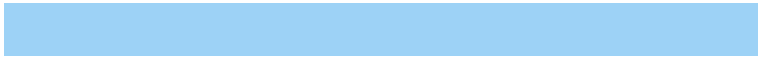
59.9151, 0.2559, 0.2861



59.9151, 0.3745, 0.3455

Square

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



59.9151, 0.2559, 0.2861



59.9151, 0.3304, 0.2962



59.9151, 0.3725, 0.3692



59.9151, 0.2934, 0.3655

Rectangle

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



59.9151, 0.2559, 0.2861



59.9151, 0.2884, 0.2784



59.9151, 0.3725, 0.3692



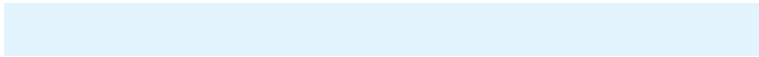
59.9151, 0.3351, 0.3853

Sweetspot

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



59.9174, 0.2559, 0.2861



88.0332, 0.2956, 0.3175



76.9082, 0.2888, 0.3935



18.5444, 0.2934, 0.3160



0.0000, 0.0000, 0.0000



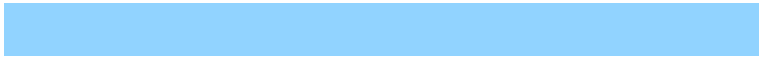
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9174, 0.2559, 0.2861



59.6757, 0.2453, 0.2763



41.0789, 0.2481, 0.2307



17.5673, 0.2980, 0.3192



14.8815, 0.1863, 0.1906



1.5093, 0.1916, 0.2097

Inverse Universe

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



48.3745, 0.3483, 0.2731



46.3025, 0.3578, 0.2624



82.6465, 0.3702, 0.4112



16.6481, 0.3200, 0.3150



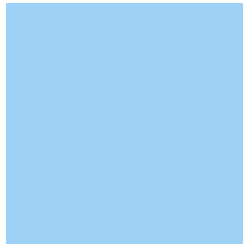
11.6017, 0.4560, 0.2286



1.0400, 0.4344, 0.2167

Previews

White Background



This preview shows how the Yxy color 59.9151, 0.2559, 0.2861 looks on a white background.

Color Contrast Check

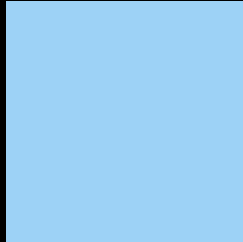
Large Text (above 18pt) WCAG AA × Fail

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 59.9151, 0.2559, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

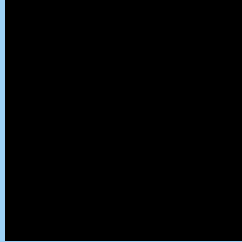
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

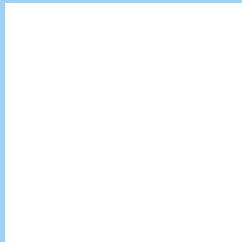
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9151, 0.2559, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 59.9151, 0.2559, 0.2861.



This preview shows how white text looks on a background with the Yxy color 59.9151, 0.2559, 0.2861.

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

59.9151, 0.2559, 0.2861

Protanopia

59.6667, 0.2820, 0.2846

Deuteranopia

59.3076, 0.2796, 0.2732



Tritanopia

60.0740, 0.2626, 0.3080

Trichromacy



Original Color

59.9151, 0.2559, 0.2861

Protanomaly

59.4203, 0.2717, 0.2849

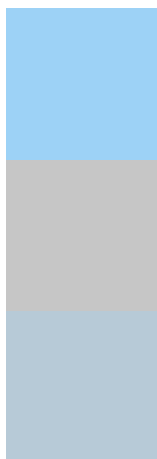
Deuteranomaly

59.1468, 0.2705, 0.2774

Tritanomaly

60.0131, 0.2598, 0.2997

Monochromacy



Original Color

59.9151, 0.2559, 0.2861

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2146, 0.2897, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9151, 0.2559, 0.2861 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(157, 210, 246)` looks like.

```
.text, #text, p{  
    color:rgb(157, 210, 246)  
}
```

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(157, 210, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 210, 246) }
```

Border

The CSS property to change the border of an element to Yxy 59.9151, 0.2559, 0.2861 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(157, 210, 246) }
```

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

```
.border{ border-color:rgb(157, 210, 246) }
```

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

Here you see how a box with a 4 pixel rgb(157, 210, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 210, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 210, 246);  
box-shadow:4px 4px 4px 4px rgb(157, 210,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9151, 0.2559, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 210, 246) }
```

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

```
.background{ background-color: rgb(157,  
210, 246) }
```

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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