

Converting Colors

$Y_{xy}(59.1405, 0.2519, 0.2759)$

Have a look what the booklet for
Yxy(59.1405, 0.2519, 0.2759)
contains.

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Color

Yxy(59.3717, 0.2519, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	9DD0FD
RGB	157, 208, 253
RGB Percent	62%, 82%, 99%
CMY	0.3845, 0.1843, 0.0077
CMYK	0.38, 0.18, 0.00, 0.01
HSL	208°, 96%, 80%
HSV	208°, 38%, 99%
XYZ	54.1874, 59.3717, 101.5557
YIQ	197.8810, -44.8410, 3.1830

Conversions

Conversions Part 2

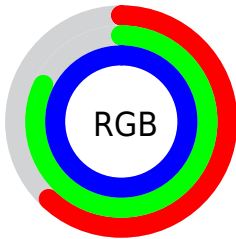
Format	Color
RYB	157, 190, 253
Decimal	10342653
CIELab	81.50, -5.64, -27.31
CIELCh	81, 27.891, 258.323
Yxy	59.3717, 0.2519, 0.2760
Android (android.graphics.Color)	4288532733 (0xFF9DD0FD)
YUV	197.8810, 27.1737, -35.8526
Hunter-Lab	77.0530, -9.3129, -24.2070

Details

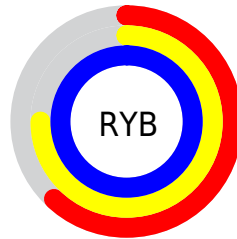
The Yxy color **59.3717, 0.2519, 0.2760** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.5534, 0.3887, 0.3762**, and the grayscale version is **56.2456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **29.9215, 0.2379, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **51.5199, 0.2361, 0.2590**, and if you desaturate by 10%, it is **68.1874, 0.2681, 0.2918**.

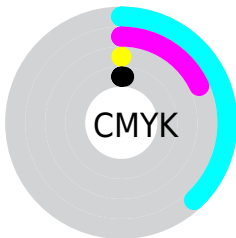
Distribution



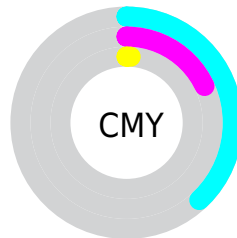
- Red (62%)
- Green (82%)
- Blue (99%)



- Red (62%)
- Yellow (75%)
- Blue (99%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3717, 0.2519, 0.2760 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 59.3717, 0.2519, 0.2760 by changing the saturation by 10% instead.

■ 59.3717, 0.2519,
0.2760

■ 59.3717, 0.2519,
0.2760

■ 422.2780, 0.2804,
0.3013

■ 42.9124, 0.2454,
0.2701

■ 103.9177, 0.2618,
0.2849

■ 29.8164, 0.2373,
0.2628

■ 132.7732, 0.2657,
0.2883

■ 19.6993, 0.2271,
0.2534

■ 166.5295, 0.2690,
0.2912

■ 12.1766, 0.2139,
0.2412

■ 205.5712, 0.2718,
0.2938

■ 6.8641, 0.1961,
0.2244

■ 250.2824, 0.2744,
0.2960

■ 3.3772, 0.1713,
0.2005

■ 301.0477, 0.2766,

■ 1.3317, 0.1349,

0.2980

0.1644

358.2514, 0.2786,
0.2997

0.1656, 0.0071,
0.0598

0.0000, 0.0000,
0.0000

59.3717, 0.2519,
0.2760

59.3717, 0.2519,
0.2760

51.5199, 0.2361,
0.2590

68.1874, 0.2681,
0.2918

44.5828, 0.2213,
0.2411

77.9990, 0.2844,
0.3064

38.5166, 0.2079,
0.2227

88.8455, 0.3004,
0.3195

33.2698, 0.1965,
0.2041

99.8737, 0.3139,
0.3309

■ 28.7831, 0.1873,
0.1860

■ 24.9793, 0.1805,
0.1687

■ 24.2693, 0.1793,
0.1653

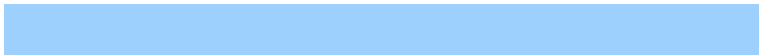
Harmonies

Analogous

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



59.3717, 0.2459, 0.2962



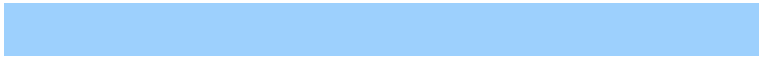
59.3717, 0.2519, 0.2760



59.3717, 0.2733, 0.2703

Triad

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



59.3717, 0.2519, 0.2760



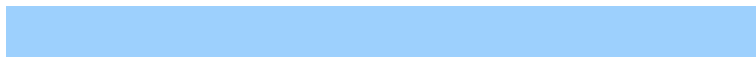
59.3717, 0.3720, 0.3259



59.3717, 0.3159, 0.3872

Complementary

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



59.3717, 0.2519, 0.2760



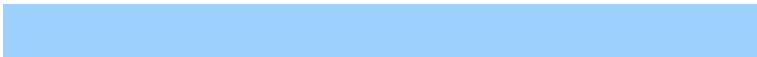
65.5534, 0.3887, 0.3762

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.



59.3717, 0.3508, 0.3932



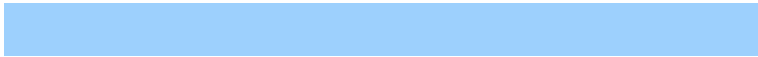
59.3717, 0.2519, 0.2760



59.3717, 0.3845, 0.3554

Square

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



59.3717, 0.2519, 0.2760



59.3717, 0.3427, 0.2985



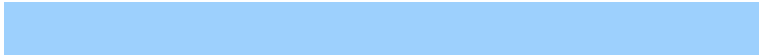
59.3717, 0.3763, 0.3804



59.3717, 0.2815, 0.3624

Rectangle

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



59.3717, 0.2519, 0.2760



59.3717, 0.2943, 0.2744



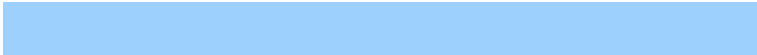
59.3717, 0.3763, 0.3804



59.3717, 0.3280, 0.3915

Sweetspot

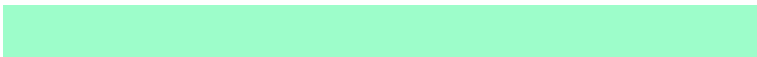
The Sweet Spot groups the original color and five complimentary colors.



59.3740, 0.2519, 0.2760



86.9607, 0.2956, 0.3157



81.6876, 0.2845, 0.3895



18.2887, 0.2934, 0.3139



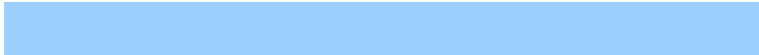
0.0000, 0.0000, 0.0000



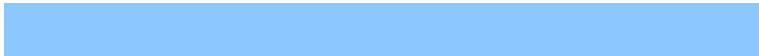
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3740, 0.2519, 0.2760



53.9201, 0.2392, 0.2624



39.4562, 0.2431, 0.2169



18.9760, 0.2979, 0.3176



13.2018, 0.1800, 0.1680



1.5042, 0.1855, 0.1876

Inverse Universe

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



49.5434, 0.3566, 0.2762



43.5225, 0.3700, 0.2652



91.5848, 0.3710, 0.4208



18.1484, 0.3210, 0.3164



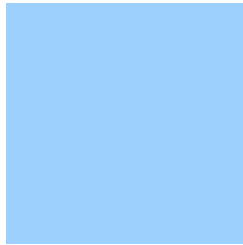
12.0607, 0.4831, 0.2435



1.1964, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 59.3717, 0.2519, 0.2760 looks on a white background.

Color Contrast Check

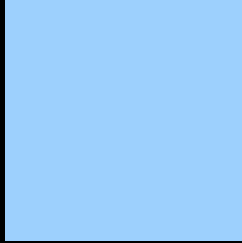
Large Text (above 18pt) WCAG AA × Fail

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 59.3717, 0.2519, 0.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

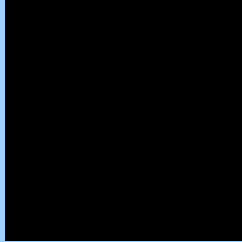
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

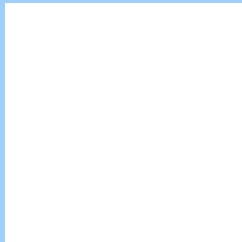
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3717, 0.2519, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 59.3717, 0.2519, 0.2760.



This preview shows how white text looks on a background with the Yxy color 59.3717, 0.2519, 0.2760.

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

59.3717, 0.2519, 0.2760

Protanopia

59.1003, 0.2749, 0.2757

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

59.3234, 0.2618, 0.3079

Trichromacy



Original Color

59.3717, 0.2519, 0.2760

Protanomaly

59.1351, 0.2663, 0.2761

Deuteranomaly

59.2206, 0.2646, 0.2699

Tritanomaly

59.5339, 0.2580, 0.2961

Monochromacy



Original Color

59.3717, 0.2519, 0.2760

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3703, 0.2877, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3717, 0.2519, 0.2760 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, 208, 253)` looks like.

```
.text, #text, p{  
    color:rgb(157, 208, 253)  
}
```

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, 208, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 208, 253) }
```

Border

The CSS property to change the border of an element to Yxy 59.3717, 0.2519, 0.2760 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, 208, 253) }
```

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

```
.border{ border-color:rgb(157, 208, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 208, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 208, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 208, 253);  
box-shadow:4px 4px 4px 4px rgb(157, 208,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3717, 0.2519, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 208, 253) }
```

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

```
.background{ background-color: rgb(157,  
208, 253) }
```

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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