

Converting Colors

$Y_{xy}(59.5978, 0.2515, 0.2782)$

Have a look what the booklet for
Yxy(59.5978, 0.2515, 0.2782)
contains.

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Color

Yxy(59.5978, 0.2515, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	9BD1FC
RGB	155, 209, 252
RGB Percent	61%, 82%, 99%
CMY	0.3924, 0.1803, 0.0118
CMYK	0.39, 0.17, 0.00, 0.01
HSL	207°, 94%, 80%
HSV	207°, 39%, 99%
XYZ	53.8780, 59.5978, 100.7507
YIQ	197.7560, -45.9870, 1.9250

Conversions

Conversions Part 2

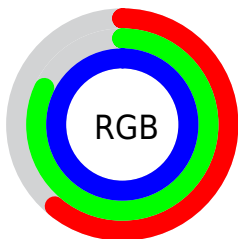
Format	Color
RYB	155, 190, 252
Decimal	10211836
CIELab	81.62, -6.97, -26.58
CIELCh	82, 27.481, 255.311
Yxy	59.5978, 0.2515, 0.2782
Android (android.graphics.Color)	4288401916 (0xFF9BD1FC)
YUV	197.7560, 26.7423, -37.4970
Hunter-Lab	77.1996, -10.5234, -23.3377

Details

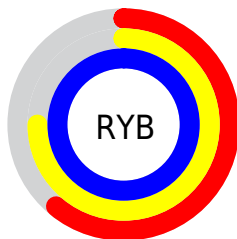
The Yxy color **59.5978, 0.2515, 0.2782** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4054, 0.3910, 0.3744**, and the grayscale version is **56.1656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **30.0355, 0.2369, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **52.0775, 0.2361, 0.2622**, and if you desaturate by 10%, it is **68.0262, 0.2675, 0.2932**.

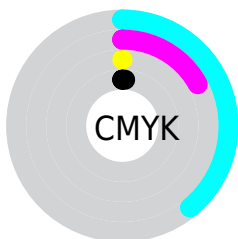
Distribution



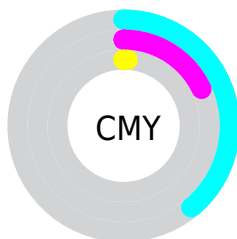
- Red (61%)
- Green (82%)
- Blue (99%)



- Red (61%)
- Yellow (75%)
- Blue (99%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)




- Cyan (39%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5978, 0.2515, 0.2782 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 59.5978, 0.2515, 0.2782 by changing the saturation by 10% instead.


 59.5978, 0.2515,
0.2782


 59.5978, 0.2515,
0.2782

423.1137, 0.2801,
0.3025

 43.0945, 0.2449,
0.2725


 104.2460, 0.2615,
0.2867

 29.9593, 0.2369,
0.2654


 133.1597, 0.2653,
0.2900

 19.8077, 0.2266,
0.2564


166.9791, 0.2687,
0.2929

 12.2553, 0.2134,
0.2445

206.0884, 0.2715,
0.2953

 6.9178, 0.1955,
0.2282

250.8721, 0.2741,
0.2974

 3.4108, 0.1706,
0.2047

301.7147, 0.2763,

 1.3498, 0.1341,

0.2993

0.1691

359.0004, 0.2783,
0.3010

0.1792, 0.0001,
0.0665

0.0000, 0.0000,
0.0000

59.5978, 0.2515,
0.2782

59.5978, 0.2515,
0.2782

52.0775, 0.2361,
0.2622

68.0262, 0.2675,
0.2932

45.4181, 0.2217,
0.2453

77.3933, 0.2836,
0.3069

39.5776, 0.2088,
0.2279

87.7362, 0.2995,
0.3194

34.5061, 0.1978,
0.2104

98.9483, 0.3145,
0.3306

■ 30.1463, 0.1891,
0.1932

99.8077, 0.3144,
0.3319

■ 26.4198, 0.1826,
0.1768

■ 25.9058, 0.1818,
0.1744

Harmonies

Analogous

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



59.5978, 0.2472, 0.2995



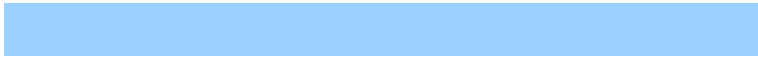
59.5978, 0.2515, 0.2782



59.5978, 0.2712, 0.2711

Triad

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



59.5978, 0.2515, 0.2782



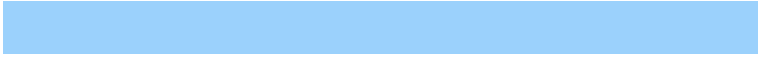
59.5978, 0.3688, 0.3230



59.5978, 0.3195, 0.3877

Complementary

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



59.5978, 0.2515, 0.2782



63.4054, 0.3910, 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.



59.5978, 0.3533, 0.3916



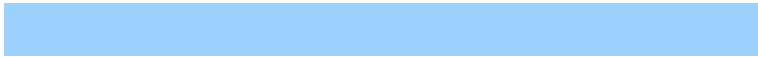
59.5978, 0.2515, 0.2782



59.5978, 0.3830, 0.3522

Square

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



59.5978, 0.2515, 0.2782



59.5978, 0.3387, 0.2966



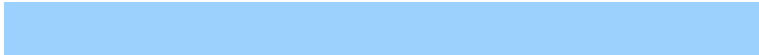
59.5978, 0.3770, 0.3776



59.5978, 0.2851, 0.3649

Rectangle

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



59.5978, 0.2515, 0.2782



59.5978, 0.2913, 0.2742



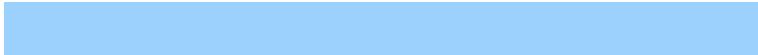
59.5978, 0.3770, 0.3776



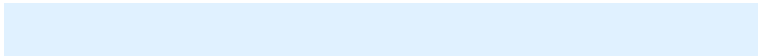
59.5978, 0.3313, 0.3913

Sweetspot

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



59.6001, 0.2515, 0.2782



86.3093, 0.2940, 0.3152



80.6085, 0.2858, 0.3946



18.1741, 0.2919, 0.3136



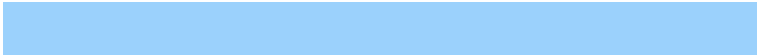
0.0000, 0.0000, 0.0000



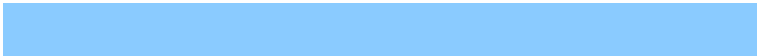
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6001, 0.2515, 0.2782



55.3393, 0.2398, 0.2662



39.6227, 0.2426, 0.2190



18.2473, 0.2980, 0.3182



13.7946, 0.1825, 0.1771



1.4890, 0.1880, 0.1968

Inverse Universe

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



48.7201, 0.3550, 0.2730



43.6658, 0.3668, 0.2623



88.6785, 0.3729, 0.4193



17.3872, 0.3206, 0.3159



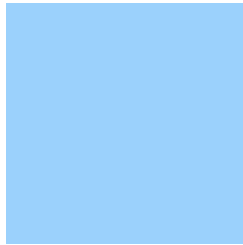
11.8035, 0.4720, 0.2374



1.1145, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 59.5978, 0.2515, 0.2782 looks on a white background.

Color Contrast Check

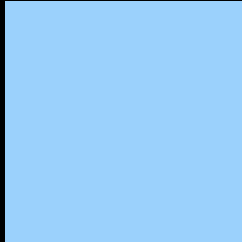
Large Text (above 18pt) WCAG AA × Fail

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 59.5978, 0.2515, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

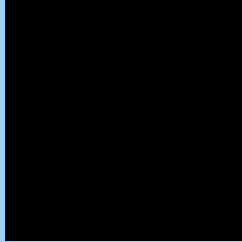
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

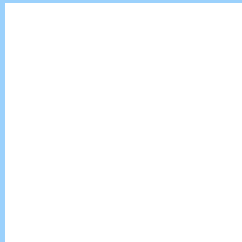
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5978, 0.2515, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 59.5978, 0.2515, 0.2782.



This preview shows how white text looks on a background with the Yxy color 59.5978, 0.2515, 0.2782.

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

59.5978, 0.2515, 0.2782

Protanopia

59.1688, 0.2762, 0.2769

Deuteranopia

59.1460, 0.2733, 0.2668



Tritanopia

59.6912, 0.2603, 0.3079

Trichromacy



Original Color

59.5978, 0.2515, 0.2782

Protanomaly

59.0729, 0.2669, 0.2771

Deuteranomaly

59.0362, 0.2646, 0.2708

Tritanomaly

59.8393, 0.2570, 0.2973

Monochromacy



Original Color

59.5978, 0.2515, 0.2782

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2481, 0.2870, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5978, 0.2515, 0.2782 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(155, 209, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 252)  
}
```

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(155, 209, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 252) }
```

Border

The CSS property to change the border of an element to Yxy 59.5978, 0.2515, 0.2782 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(155, 209, 252) }
```

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

```
.border{ border-color:rgb(155, 209, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5978, 0.2515, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 252) }
```

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

```
.background{ background-color: rgb(155,  
209, 252) }
```

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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