

Converting Colors

$Yxy(60.9021, 0.2431, 0.2576)$

Have a look what the booklet for
Yxy(60.9021, 0.2431, 0.2576)
contains.

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Color

Yxy(59.9890, 0.2511, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	9DD1FF
RGB	157, 209, 255
RGB Percent	62%, 82%, 100%
CMY	0.3844, 0.1804, 0.0000
CMYK	0.38, 0.18, 0.00, 0.00
HSL	208°, 100%, 81%
HSV	208°, 38%, 100%
XYZ	54.7555, 59.9890, 103.3180
YIQ	198.6960, -45.7580, 3.2820

Conversions

Conversions Part 2

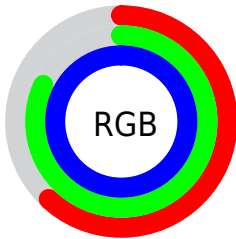
Format	Color
RYB	157, 191, 255
Decimal	10342911
CIELab	81.83, -5.65, -27.86
CIELCh	82, 28.424, 258.530
Yxy	59.9890, 0.2511, 0.2751
Android (android.graphics.Color)	4288532991 (0xFF9DD1FF)
YUV	198.6960, 27.7579, -36.5674
Hunter-Lab	77.4526, -9.3505, -24.8732

Details

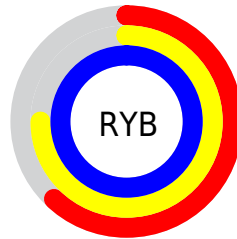
The Yxy color **59.9890, 0.2511, 0.2751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.3988, 0.3898, 0.3769**, and the grayscale version is **56.7651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.2866, 0.2364, 0.2624** is the 20% darker color. If you saturate the color by 10%, you get **52.0338, 0.2354, 0.2580**, and if you desaturate by 10%, it is **68.9224, 0.2673, 0.2911**.

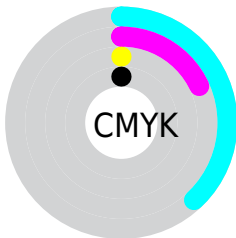
Distribution



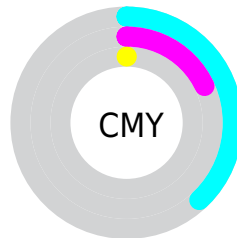
- Red (62%)
- Green (82%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9890, 0.2511, 0.2751 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 59.9890, 0.2511, 0.2751 by changing the saturation by 10% instead.

■ 59.9890, 0.2511,
0.2751

■ 59.9890, 0.2511,
0.2751

424.5572, 0.2799,
0.3007

■ 43.4098, 0.2445,
0.2691

■ 104.8137, 0.2611,
0.2841

■ 30.2068, 0.2364,
0.2617

■ 133.8280, 0.2650,
0.2876

■ 19.9956, 0.2262,
0.2523

167.7560, 0.2683,
0.2905

■ 12.3918, 0.2129,
0.2400

206.9823, 0.2712,
0.2931

■ 7.0111, 0.1951,
0.2232

251.8912, 0.2738,
0.2954

■ 3.4691, 0.1703,
0.1992

302.8670, 0.2761,

■ 1.3812, 0.1343,

0.2974

0.1634

360.2942, 0.2781,
0.2991

0.2028, 0.0183,
0.0677

0.0000, 0.0000,
0.0000

59.9890, 0.2511,
0.2751

59.9890, 0.2511,
0.2751

52.0338, 0.2354,
0.2580

68.9224, 0.2673,
0.2911

45.0107, 0.2206,
0.2401

78.8711, 0.2836,
0.3057

38.8735, 0.2073,
0.2216

89.8735, 0.2996,
0.3189

33.5692, 0.1959,
0.2030

100.0000, 0.3127,
0.3290

■ 29.0368, 0.1869,
0.1849

■ 25.1945, 0.1801,
0.1676

■ 24.6402, 0.1792,
0.1650

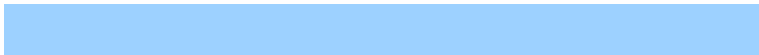
Harmonies

Analogous

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



59.9890, 0.2449, 0.2955



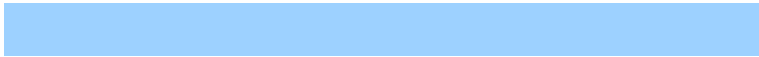
59.9890, 0.2511, 0.2751



59.9890, 0.2729, 0.2694

Triad

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



59.9890, 0.2511, 0.2751



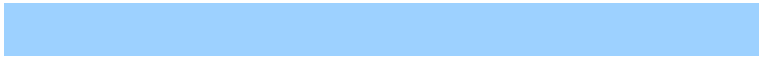
59.9890, 0.3731, 0.3260



59.9890, 0.3157, 0.3880

Complementary

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



59.9890, 0.2511, 0.2751



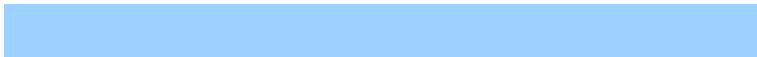
66.3988, 0.3898, 0.3769

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.



59.9890, 0.3511, 0.3942



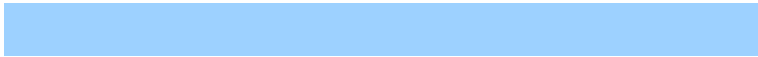
59.9890, 0.2511, 0.2751



59.9890, 0.3856, 0.3559

Square

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



59.9890, 0.2511, 0.2751



59.9890, 0.3434, 0.2982



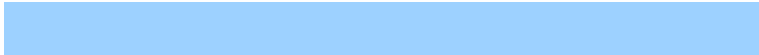
59.9890, 0.3772, 0.3813



59.9890, 0.2808, 0.3627

Rectangle

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



59.9890, 0.2511, 0.2751



59.9890, 0.2943, 0.2737



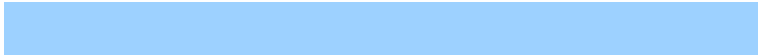
59.9890, 0.3772, 0.3813



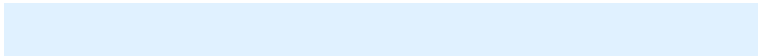
59.9890, 0.3280, 0.3924

Sweetspot

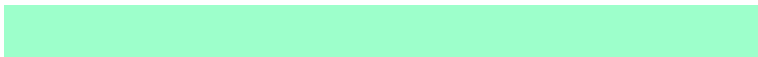
The Sweet Spot groups the original color and five complimentary colors.



59.9899, 0.2511, 0.2751



85.8287, 0.2940, 0.3143



82.9858, 0.2842, 0.3904



18.0609, 0.2919, 0.3126



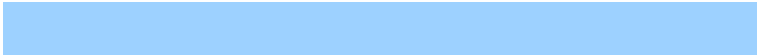
0.0000, 0.0000, 0.0000



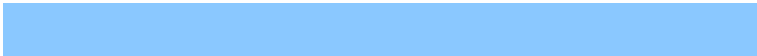
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9899, 0.2511, 0.2751



53.8839, 0.2391, 0.2623



39.6175, 0.2421, 0.2152



18.9739, 0.2979, 0.3176



13.1769, 0.1799, 0.1678



1.5018, 0.1854, 0.1874

Inverse Universe

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



49.9739, 0.3574, 0.2756



43.5189, 0.3701, 0.2653



93.1472, 0.3717, 0.4220



18.1482, 0.3211, 0.3165



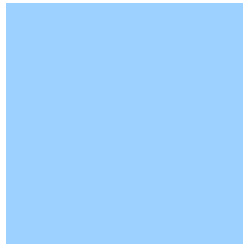
12.0582, 0.4834, 0.2437



1.1962, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 59.9890, 0.2511, 0.2751 looks on a white background.

Color Contrast Check

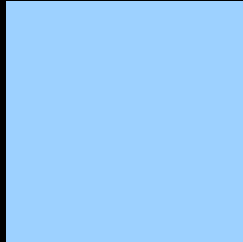
Large Text (above 18pt) WCAG AA × Fail

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 59.9890, 0.2511, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

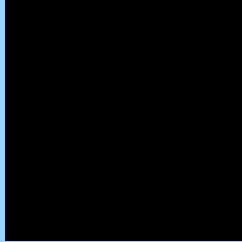
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

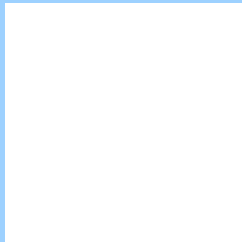
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9890, 0.2511, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 59.9890, 0.2511, 0.2751.



This preview shows how white text looks on a background with the Yxy color 59.9890, 0.2511, 0.2751.

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

59.9890, 0.2511, 0.2751

Protanopia

59.8193, 0.2745, 0.2750

Deuteranopia

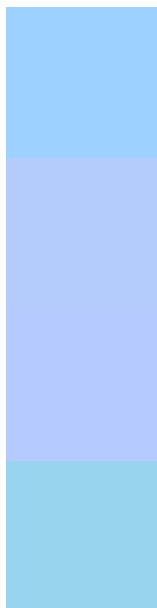
59.6689, 0.2728, 0.2669



Tritanopia

59.8810, 0.2614, 0.3079

Trichromacy



Original Color

59.9890, 0.2511, 0.2751

Protanomaly

59.7345, 0.2653, 0.2752

Deuteranomaly

59.7556, 0.2642, 0.2700

Tritanomaly

60.0913, 0.2576, 0.2962

Monochromacy



Original Color

59.9890, 0.2511, 0.2751

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0167, 0.2878, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9890, 0.2511, 0.2751 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 255)  
}
```

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, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.9890, 0.2511, 0.2751 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, 209, 255) }
```

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

```
.border{ border-color:rgb(157, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9890, 0.2511, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 209, 255) }
```

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

```
.background{ background-color: rgb(157,  
209, 255) }
```

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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