

Converting Colors

$Y_{xy}(72.2957, 0.2051, 0.1754)$

Have a look what the booklet for
Yxy(72.2957, 0.2051, 0.1754)
contains.

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Color

Yxy(60.8903, 0.2535, 0.2766)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A1D2FF |
| RGB | 161, 210, 255 |
| RGB Percent | 63%, 82%, 100% |
| CMY | 0.3684, 0.1765, 0.0000 |
| CMYK | 0.37, 0.18, 0.00, 0.00 |
| HSL | 209°, 100%, 82% |
| HSV | 209°, 37%, 100% |
| XYZ | 55.8051, 60.8903, 103.4431 |
| YIQ | 200.4790, -43.6490, 3.6070 |

Conversions

Conversions Part 2

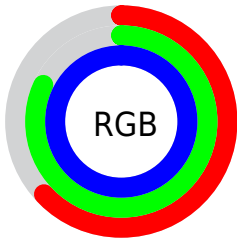
| Format | Color |
|-------------------------------------|---|
| RYB | 161, 193, 255 |
| Decimal | 10605311 |
| CIELab | 82.32, -5.11, -27.10 |
| CIELCh | 82, 27.573, 259.315 |
| Yxy | 60.8903, 0.2535, 0.2766 |
| Android (android.graphics.Color) | 4288795391 (0xFFA1D2FF) |
| YUV | 200.4790, 26.8789, -34.6231 |
| Hunter-Lab | 78.0322, -8.9013, -23.9749 |

Details

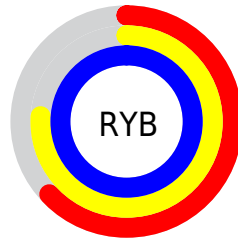
The Yxy color **60.8903, 0.2535, 0.2766** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.0066, 0.3855, 0.3758**, and the grayscale version is **57.9263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **30.9183, 0.2398, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **52.7015, 0.2376, 0.2593**, and if you desaturate by 10%, it is **70.0808, 0.2699, 0.2927**.

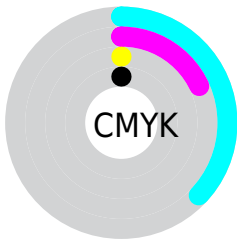
Distribution



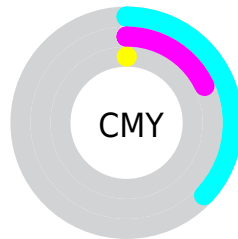
- Red (63%)
- Green (82%)
- Blue (100%)



- Red (63%)
- Yellow (76%)
- Blue (100%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8903, 0.2535, 0.2766 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 60.8903, 0.2535, 0.2766 by changing the saturation by 10% instead.

60.8903, 0.2535,
0.2766

60.8903, 0.2535,
0.2766

427.8717, 0.2811,
0.3014

44.1366, 0.2472,
0.2708

106.1201, 0.2631,
0.2853

30.7779, 0.2394,
0.2637

135.3650, 0.2668,
0.2887

20.4298, 0.2296,
0.2546

169.5425, 0.2700,
0.2915

12.7079, 0.2168,
0.2426

209.0368, 0.2728,
0.2941

7.2277, 0.1998,
0.2264

254.2326, 0.2753,
0.2962

3.6049, 0.1759,
0.2033

305.5140, 0.2775,

1.4551, 0.1410,

0.2982

0.1687

363.2656, 0.2794,
0.2999

0.2568, 0.0382,
0.0821

0.0000, 0.0000,
0.0000

60.8903, 0.2535,
0.2766

60.8903, 0.2535,
0.2766

52.7015, 0.2376,
0.2593

70.0808, 0.2699,
0.2927

45.4698, 0.2224,
0.2411

80.3117, 0.2862,
0.3074

39.1482, 0.2087,
0.2223

91.6212, 0.3021,
0.3207

33.6844, 0.1969,
0.2033

100.0000, 0.3127,
0.3290

■ 29.0181, 0.1873,
0.1847

■ 25.0755, 0.1802,
0.1670

■ 23.9496, 0.1782,
0.1616

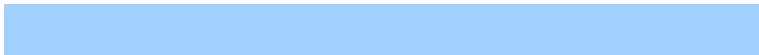
Harmonies

Analogous

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



60.8903, 0.2471, 0.2960



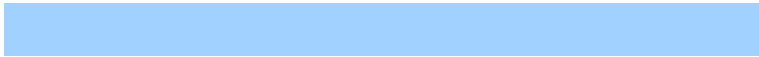
60.8903, 0.2535, 0.2766



60.8903, 0.2750, 0.2714

Triad

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



60.8903, 0.2535, 0.2766



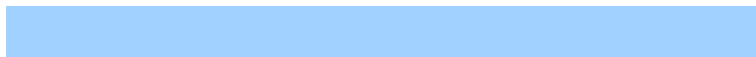
60.8903, 0.3715, 0.3269



60.8903, 0.3147, 0.3854

Complementary

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



60.8903, 0.2535, 0.2766



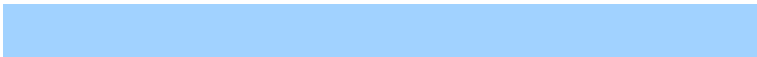
68.0066, 0.3855, 0.3758

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.



60.8903, 0.3491, 0.3920



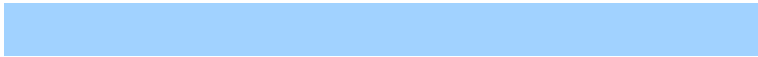
60.8903, 0.2535, 0.2766



60.8903, 0.3831, 0.3558

Square

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



60.8903, 0.2535, 0.2766



60.8903, 0.3432, 0.2998



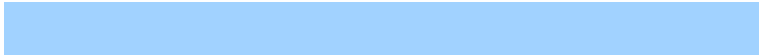
60.8903, 0.3745, 0.3801



60.8903, 0.2811, 0.3606

Rectangle

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



60.8903, 0.2535, 0.2766



60.8903, 0.2958, 0.2757



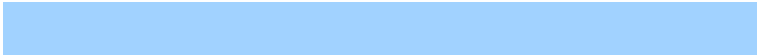
60.8903, 0.3745, 0.3801



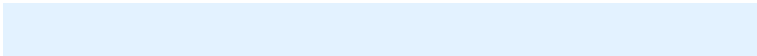
60.8903, 0.3266, 0.3899

Sweetspot

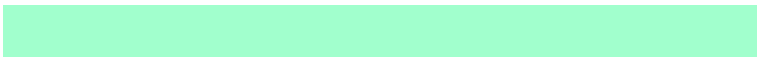
The Sweet Spot groups the original color and five complimentary colors.



60.8908, 0.2535, 0.2766



86.7864, 0.2956, 0.3154



83.5050, 0.2852, 0.3874



18.2472, 0.2934, 0.3136



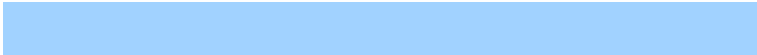
0.0000, 0.0000, 0.0000



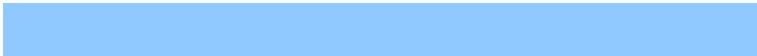
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8908, 0.2535, 0.2766



54.9303, 0.2420, 0.2644



41.4185, 0.2455, 0.2207



18.9434, 0.2979, 0.3173



12.8152, 0.1790, 0.1644



1.4666, 0.1846, 0.1844

Inverse Universe

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



51.4201, 0.3557, 0.2787



45.0736, 0.3677, 0.2690



93.3731, 0.3693, 0.4183



18.1451, 0.3212, 0.3167



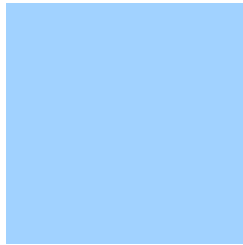
12.0217, 0.4876, 0.2459



1.1926, 0.4633, 0.2326

Previews

White Background



This preview shows how the Yxy color 60.8903, 0.2535, 0.2766 looks on a white background.

Color Contrast Check

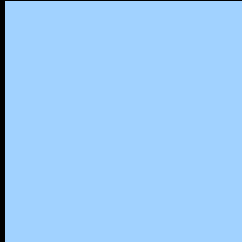
Large Text (above 18pt) WCAG AA × Fail

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 60.8903, 0.2535, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

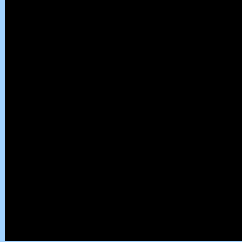
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

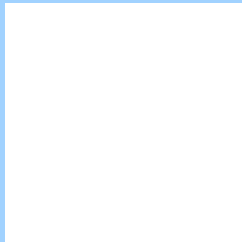
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8903, 0.2535, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 60.8903, 0.2535, 0.2766.



This preview shows how white text looks on a background with the Yxy color 60.8903, 0.2535, 0.2766.

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

60.8903, 0.2535, 0.2766

Protanopia

60.4806, 0.2747, 0.2752

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

60.8312, 0.2633, 0.3081

Trichromacy



Original Color

60.8903, 0.2535, 0.2766

Protanomaly

60.5147, 0.2661, 0.2755

Deuteranomaly

60.5961, 0.2662, 0.2715

Tritanomaly

61.0479, 0.2595, 0.2965

Monochromacy



Original Color

60.8903, 0.2535, 0.2766

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7921, 0.2886, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8903, 0.2535, 0.2766 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(161, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 210, 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(161, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.8903, 0.2535, 0.2766 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(161, 210, 255) }
```

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

```
.border{ border-color:rgb(161, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8903, 0.2535, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 210, 255) }
```

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

```
.background{ background-color: rgb(161,  
210, 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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