

Converting Colors

$Y_{xy}(61.6860, 0.2259, 0.2139)$

Have a look what the booklet for
Yxy(61.6860, 0.2259, 0.2139)
contains.

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Color

Yxy(57.0381, 0.2521, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	A1CAFF
RGB	161, 202, 255
RGB Percent	63%, 79%, 100%
CMY	0.3685, 0.2079, 0.0000
CMYK	0.37, 0.21, 0.00, 0.00
HSL	214°, 100%, 82%
HSV	214°, 37%, 100%
XYZ	53.8753, 57.0381, 102.7925
YIQ	195.7830, -41.4490, 7.7910

Conversions

Conversions Part 2

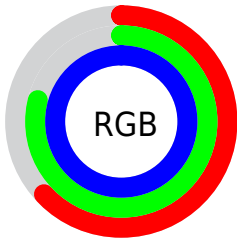
Format	Color
R_{YB}	161, 190, 255
Decimal	10603263
CIE _{Lab}	80.20, -0.86, -30.34
CIE _{LCh}	80, 30.348, 268.371
Yxy	57.0381, 0.2521, 0.2669
Android (android.graphics.Color)	4288793343 (0xFFA1CAFF)
YUV	195.7830, 29.1940, -30.5047
Hunter-Lab	75.5236, -4.8321, -27.8311

Details

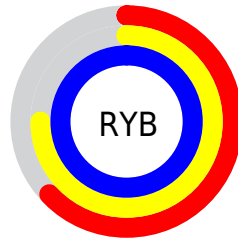
The Yxy color **57.0381, 0.2521, 0.2669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.9478, 0.3825, 0.3837**, and the grayscale version is **54.9095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.3212, 0.2375, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **48.2154, 0.2352, 0.2463**, and if you desaturate by 10%, it is **67.0323, 0.2692, 0.2861**.

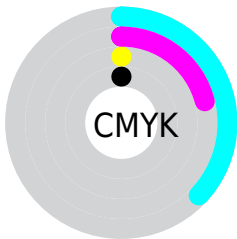
Distribution



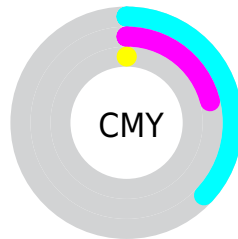
- Red (63%)
- Green (79%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0381, 0.2521, 0.2669 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 57.0381, 0.2521, 0.2669 by changing the saturation by 10% instead.

■ 57.0381, 0.2521,
0.2669

■ 57.0381, 0.2521,
0.2669

■ 413.5921, 0.2807,
0.2963

■ 41.0358, 0.2455,
0.2601

■ 100.5208, 0.2621,
0.2772

■ 28.3471, 0.2373,
0.2517

■ 128.7700, 0.2660,
0.2812

■ 18.5875, 0.2270,
0.2410

■ 161.8703, 0.2693,
0.2846

■ 11.3726, 0.2135,
0.2270

■ 200.2061, 0.2722,
0.2875

■ 6.3180, 0.1953,
0.2081

■ 244.1617, 0.2747,
0.2901

■ 3.0394, 0.1697,
0.1816

■ 294.1217, 0.2769,

■ 1.1523, 0.1324,

0.2924

0.1426

350.4703, 0.2789,
0.2945

0.0223, 0.0000,
0.0082

0.0000, 0.0000,
0.0000

57.0381, 0.2521,
0.2669

57.0381, 0.2521,
0.2669

48.2154, 0.2352,
0.2463

67.0323, 0.2692,
0.2861

40.5109, 0.2189,
0.2246

78.2416, 0.2860,
0.3035

33.8712, 0.2039,
0.2024

90.7109, 0.3021,
0.3192

28.2360, 0.1909,
0.1803

100.0000, 0.3127,
0.3290

■ 23.5367, 0.1804,
0.1591

■ 19.6908, 0.1726,
0.1395

■ 18.6229, 0.1705,
0.1337

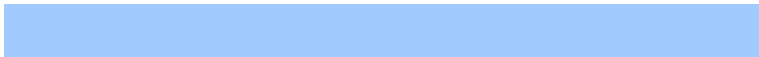
Harmonies

Analogous

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



57.0381, 0.2397, 0.2836



57.0381, 0.2521, 0.2669



57.0381, 0.2803, 0.2662

Triad

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



57.0381, 0.2521, 0.2669



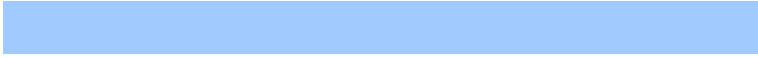
57.0381, 0.3853, 0.3361



57.0381, 0.3028, 0.3864

Complementary

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



57.0381, 0.2521, 0.2669



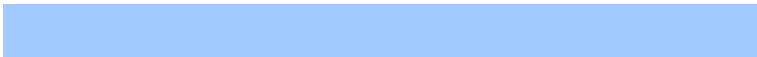
71.9478, 0.3825, 0.3837

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.



57.0381, 0.3422, 0.4004



57.0381, 0.2521, 0.2669



57.0381, 0.3913, 0.3677

Square

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



57.0381, 0.2521, 0.2669



57.0381, 0.3581, 0.3048



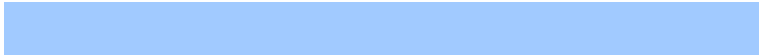
57.0381, 0.3750, 0.3921



57.0381, 0.2675, 0.3535

Rectangle

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



57.0381, 0.2521, 0.2669



57.0381, 0.3054, 0.2739



57.0381, 0.3750, 0.3921



57.0381, 0.3160, 0.3936

Sweetspot

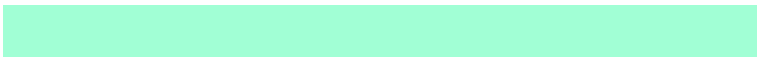
The Sweet Spot groups the original color and five complimentary colors.



57.0391, 0.2521, 0.2669



85.3795, 0.2955, 0.3129



83.8903, 0.2813, 0.3779



17.9123, 0.2933, 0.3108



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.



57.0391, 0.2521, 0.2669



50.6132, 0.2399, 0.2523



40.7999, 0.2481, 0.2178



18.6804, 0.2979, 0.3152



10.0154, 0.1713, 0.1367



1.1879, 0.1774, 0.1586

Inverse Universe

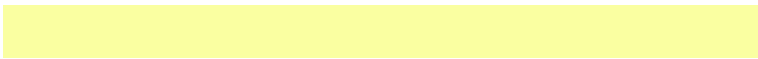
The Inverse Universe completely reimagines the original color for something new.



51.0258, 0.3632, 0.2867



44.6378, 0.3776, 0.2785



94.4742, 0.3651, 0.4220



18.1186, 0.3225, 0.3187



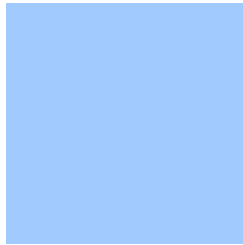
11.7390, 0.5235, 0.2658



1.1645, 0.4949, 0.2500

Previews

White Background



This preview shows how the Yxy color 57.0381, 0.2521, 0.2669 looks on a white background.

Color Contrast Check

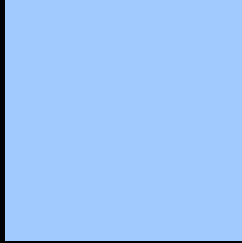
Large Text (above 18pt) WCAG AA × Fail

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 57.0381, 0.2521, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

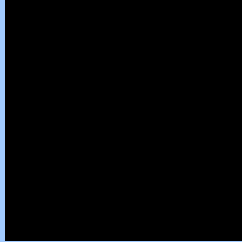
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

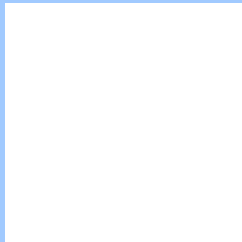
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0381, 0.2521, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 57.0381, 0.2521, 0.2669.



This preview shows how white text looks on a background with the Yxy color 57.0381, 0.2521, 0.2669.

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

57.0381, 0.2521, 0.2669

Protanopia

56.7592, 0.2682, 0.2663

Deuteranopia

56.8150, 0.2671, 0.2614



Tritanopia

56.7798, 0.2649, 0.3076

Trichromacy



Original Color

57.0381, 0.2521, 0.2669

Protanomaly

56.6465, 0.2621, 0.2667

Deuteranomaly

57.0731, 0.2617, 0.2638

Tritanomaly

56.7287, 0.2603, 0.2922

Monochromacy



Original Color

57.0381, 0.2521, 0.2669

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4652, 0.2882, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0381, 0.2521, 0.2669 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0381, 0.2521, 0.2669 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, 202, 255) }
```

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

```
.border{ border-color:rgb(161, 202, 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, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0381, 0.2521, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 255) }
```

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

```
.background{ background-color: rgb(161,  
202, 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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