

Converting Colors

$Yxy(62.1943, 0.2490, 0.2679)$

Have a look what the booklet for
Yxy(62.1943, 0.2490, 0.2679)
contains.

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Color

Yxy(61.3856, 0.2537, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	A1D3FF
RGB	161, 211, 255
RGB Percent	63%, 83%, 100%
CMY	0.3685, 0.1725, 0.0002
CMYK	0.37, 0.17, 0.00, 0.00
HSL	208°, 100%, 82%
HSV	208°, 37%, 100%
XYZ	56.0400, 61.3856, 103.4653
YIQ	201.0660, -43.9240, 3.0840

Conversions

Conversions Part 2

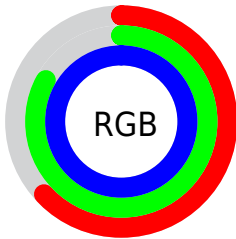
Format	Color
RYB	161, 194, 255
Decimal	10605567
CIELab	82.59, -5.67, -26.65
CIELCh	83, 27.248, 257.986
Yxy	61.3856, 0.2537, 0.2779
Android (android.graphics.Color)	4288795647 (0xFFA1D3FF)
YUV	201.0660, 26.5895, -35.1379
Hunter-Lab	78.3490, -9.4364, -23.4524

Details

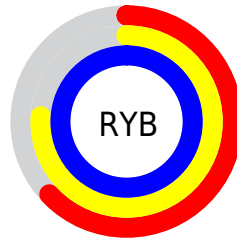
The Yxy color **61.3856, 0.2537, 0.2779** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.4792, 0.3859, 0.3748**, and the grayscale version is **58.3077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **31.2553, 0.2401, 0.2662** is the 20% darker color. If you saturate the color by 10%, you get **53.2934, 0.2379, 0.2610**, and if you desaturate by 10%, it is **70.4625, 0.2699, 0.2936**.

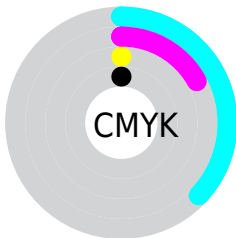
Distribution



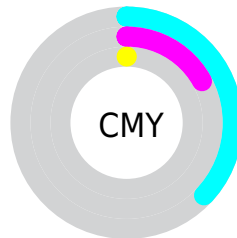
- Red (63%)
- Green (83%)
- Blue (100%)



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



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3856, 0.2537, 0.2779 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 61.3856, 0.2537, 0.2779 by changing the saturation by 10% instead.

 61.3856, 0.2537,
0.2779


 61.3856, 0.2537,
0.2779


429.6864, 0.2812,
0.3021

 44.5364, 0.2474,
0.2723


 106.8371, 0.2632,
0.2864

 31.0925, 0.2397,
0.2653


 136.2081, 0.2670,
0.2897

 20.6693, 0.2299,
0.2564


170.5220, 0.2702,
0.2925

 12.8825, 0.2173,
0.2447

210.1630, 0.2729,
0.2949

 7.3477, 0.2003,
0.2289

255.5155, 0.2754,
0.2971

 3.6805, 0.1767,
0.2063

306.9640, 0.2775,

 1.4965, 0.1421,

0.2990

0.1722

364.8929, 0.2795,
0.3006

0.2862, 0.0421,
0.0902

0.0000, 0.0000,
0.0000

61.3856, 0.2537,
0.2779

61.3856, 0.2537,
0.2779

53.2934, 0.2379,
0.2610

70.4625, 0.2699,
0.2936

46.1364, 0.2229,
0.2433

80.5565, 0.2862,
0.3079

39.8703, 0.2094,
0.2249

91.7069, 0.3021,
0.3209

34.4436, 0.1977,
0.2063

99.9972, 0.3127,
0.3290

■ 29.7968, 0.1883,
0.1882

■ 25.8572, 0.1812,
0.1708

■ 24.7284, 0.1793,
0.1655

Harmonies

Analogous

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



61.3856, 0.2480, 0.2977



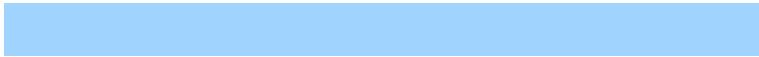
61.3856, 0.2537, 0.2779



61.3856, 0.2743, 0.2721

Triad

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



61.3856, 0.2537, 0.2779



61.3856, 0.3697, 0.3257



61.3856, 0.3163, 0.3853

Complementary

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



61.3856, 0.2537, 0.2779



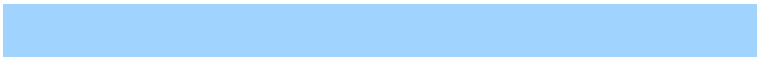
67.4792, 0.3859, 0.3748

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.



61.3856, 0.3499, 0.3909



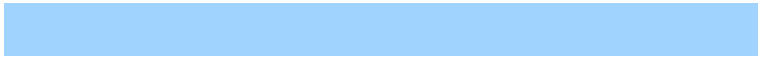
61.3856, 0.2537, 0.2779



61.3856, 0.3820, 0.3543

Square

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



61.3856, 0.2537, 0.2779



61.3856, 0.3413, 0.2992



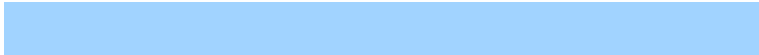
61.3856, 0.3744, 0.3785



61.3856, 0.2829, 0.3615

Rectangle

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



61.3856, 0.2537, 0.2779



61.3856, 0.2946, 0.2760



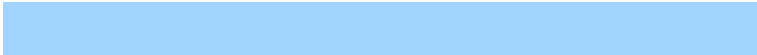
61.3856, 0.3744, 0.3785



61.3856, 0.3280, 0.3893

Sweetspot

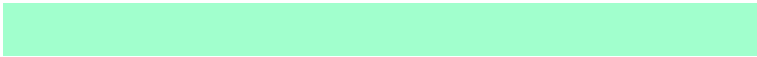
The Sweet Spot groups the original color and five complimentary colors.



61.3880, 0.2537, 0.2779



86.9724, 0.2956, 0.3157



83.4736, 0.2852, 0.3874



18.2915, 0.2934, 0.3139



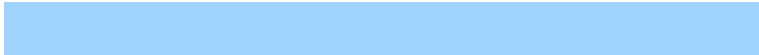
0.0000, 0.0000, 0.0000



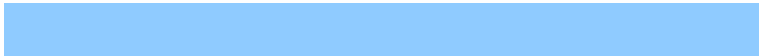
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3880, 0.2537, 0.2779



55.5170, 0.2423, 0.2659



41.4050, 0.2455, 0.2207



18.9782, 0.2979, 0.3176



13.2279, 0.1801, 0.1682



1.5068, 0.1855, 0.1879

Inverse Universe

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



51.4547, 0.3548, 0.2777



45.1328, 0.3664, 0.2678



93.3376, 0.3693, 0.4183



18.1487, 0.3210, 0.3164



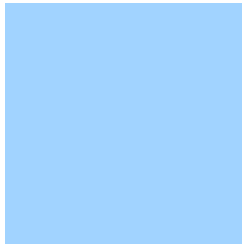
12.0633, 0.4828, 0.2433



1.1967, 0.4592, 0.2304

Previews

White Background



This preview shows how the Yxy color 61.3856, 0.2537, 0.2779 looks on a white background.

Color Contrast Check

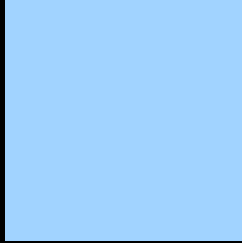
Large Text (above 18pt) WCAG AA × Fail

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 61.3856, 0.2537, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

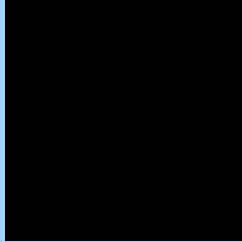
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

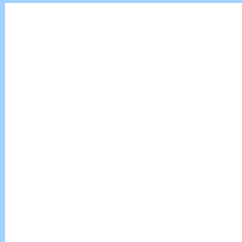
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3856, 0.2537, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 61.3856, 0.2537, 0.2779.



This preview shows how white text looks on a background with the Yxy color 61.3856, 0.2537, 0.2779.

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

61.3856, 0.2537, 0.2779

Protanopia

61.1535, 0.2767, 0.2776

Deuteranopia

60.9991, 0.2749, 0.2695



Tritanopia

61.3956, 0.2630, 0.3082

Trichromacy



Original Color

61.3856, 0.2537, 0.2779

Protanomaly

61.1749, 0.2681, 0.2779

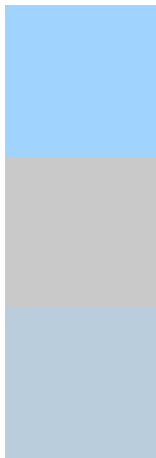
Deuteranomaly

61.1969, 0.2669, 0.2728

Tritanomaly

61.5525, 0.2597, 0.2978

Monochromacy



Original Color

61.3856, 0.2537, 0.2779

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3222, 0.2880, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3856, 0.2537, 0.2779 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3856, 0.2537, 0.2779 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, 211, 255) }
```

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

```
.border{ border-color:rgb(161, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3856, 0.2537, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 211, 255) }
```

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

```
.background{ background-color: rgb(161,  
211, 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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