

Converting Colors

$Yxy(78.4512, 0.2588, 0.3147)$

Have a look what the booklet for
Yxy(78.4512, 0.2588, 0.3147)
contains.

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Color

Yxy(78.3013, 0.2589, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	A1F2FF
RGB	161, 242, 255
RGB Percent	63%, 95%, 100%
CMY	0.3687, 0.0510, 0.0000
CMYK	0.37, 0.05, 0.00, 0.00
HSL	188°, 100%, 82%
HSV	188°, 37%, 100%
XYZ	64.4995, 78.3013, 106.3283
YIQ	219.2630, -52.4490, -13.1290

Conversions

Conversions Part 2

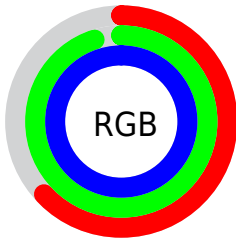
Format	Color
RYB	161, 205, 255
Decimal	10613503
CIELab	90.92, -21.47, -14.08
CIElCh	91, 25.675, 213.266
Yxy	78.3013, 0.2589, 0.3143
Android (android.graphics.Color)	4288803583 (0xFFA1F2FF)
YUV	219.2630, 17.6183, -51.0967
Hunter-Lab	88.4880, -24.7441, -9.3020

Details

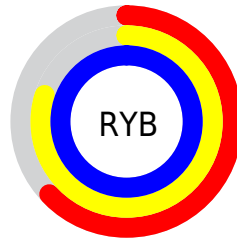
The Yxy color **78.3013, 0.2589, 0.3143** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.1009, 0.3981, 0.3429**, and the grayscale version is **70.9334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **42.1983, 0.2477, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **73.8410, 0.2468, 0.3097**, and if you desaturate by 10%, it is **83.3472, 0.2724, 0.3187**.

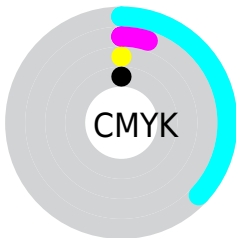
Distribution



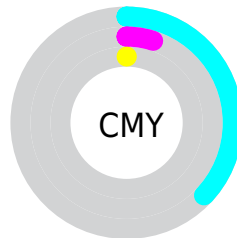
- Red (63%)
- Green (95%)
- Blue (100%)



- Red (63%)
- Yellow (80%)
- Blue (100%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3013, 0.2589, 0.3143 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 78.3013, 0.2589, 0.3143 by changing the saturation by 10% instead.

 78.3013, 0.2589,
0.3143

 78.3013, 0.2589,
0.3143


489.1895, 0.2830,
0.3215

 58.3215, 0.2536,
0.3126


 130.9748, 0.2671,
0.3169

 42.0672, 0.2471,
0.3104


 164.4373, 0.2703,
0.3179

 29.1539, 0.2391,
0.3076


203.1628, 0.2731,
0.3187

 19.1973, 0.2289,
0.3038

247.5357, 0.2756,
0.3194

 11.8129, 0.2156,
0.2985

297.9404, 0.2778,
0.3200

 6.6164, 0.1973,
0.2906

354.7614, 0.2797,

 3.2234, 0.1710,

0.3206

0.2779

418.3829, 0.2814,
0.3211

1.2494, 0.1278,
0.2557

0.1015, 0.0000,
0.0844

78.3013, 0.2589,
0.3143

78.3013, 0.2589,
0.3143

73.8410, 0.2468,
0.3097

83.3472, 0.2724,
0.3187

69.9256, 0.2362,
0.3049

89.0016, 0.2869,
0.3228

66.5207, 0.2275,
0.3000

95.2954, 0.3020,
0.3266

63.5843, 0.2207,
0.2950

100.0000, 0.3127,
0.3290

■ 61.0675, 0.2159,
0.2901

■ 58.9081, 0.2129,
0.2852

■ 58.2754, 0.2121,
0.2837

Harmonies

Analogous

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



78.3013, 0.2746, 0.3430



78.3013, 0.2589, 0.3143



78.3013, 0.2569, 0.2917

Triad

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



78.3013, 0.2589, 0.3143



78.3013, 0.3228, 0.2936



78.3013, 0.3571, 0.3793

Complementary

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



78.3013, 0.2589, 0.3143



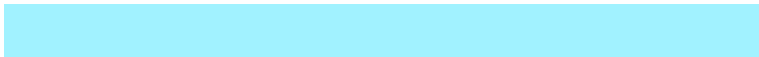
54.1009, 0.3981, 0.3429

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.



78.3013, 0.3716, 0.3630



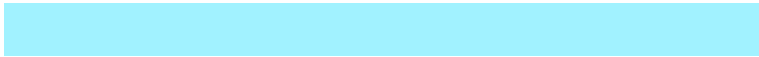
78.3013, 0.2589, 0.3143



78.3013, 0.3515, 0.3143

Square

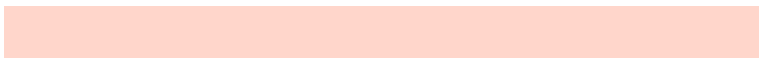
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3013, 0.2589, 0.3143



78.3013, 0.2926, 0.2813



78.3013, 0.3697, 0.3393



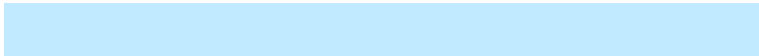
78.3013, 0.3309, 0.3821

Rectangle

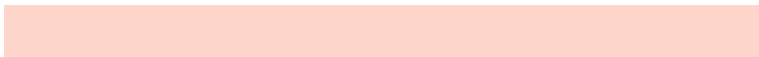
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3013, 0.2589, 0.3143



78.3013, 0.2634, 0.2826



78.3013, 0.3697, 0.3393



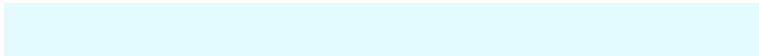
78.3013, 0.3636, 0.3751

Sweetspot

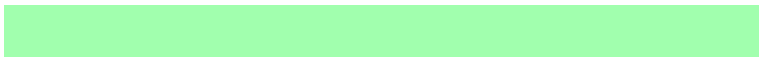
The Sweet Spot groups the original color and five complimentary colors.



78.3038, 0.2589, 0.3143



92.6137, 0.2957, 0.3251



82.1341, 0.3011, 0.4260



19.6402, 0.2936, 0.3246



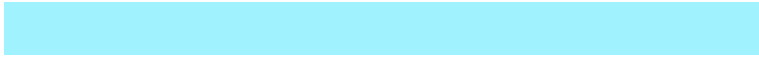
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.3038, 0.2589, 0.3143



75.0622, 0.2501, 0.3110



54.0345, 0.2509, 0.2589



20.0280, 0.2980, 0.3256



30.6153, 0.2124, 0.2845



3.0938, 0.2139, 0.2901

Inverse Universe

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



53.1588, 0.3275, 0.2487



47.1059, 0.3311, 0.2339



75.2987, 0.3802, 0.3900



18.2546, 0.3159, 0.3088



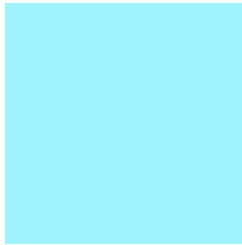
13.8186, 0.3593, 0.1753



1.3569, 0.3543, 0.1725

Previews

White Background



This preview shows how the Yxy color 78.3013, 0.2589, 0.3143 looks on a white background.

Color Contrast Check

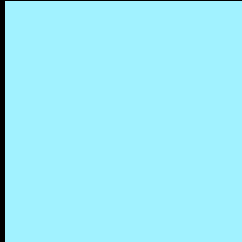
Large Text (above 18pt) WCAG AA × Fail

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 78.3013, 0.2589, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

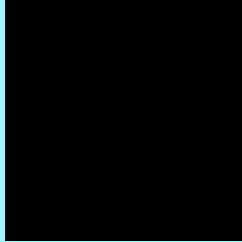
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3013, 0.2589, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 78.3013, 0.2589, 0.3143.

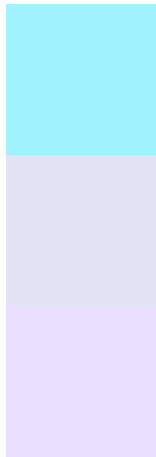


This preview shows how white text looks on a background with the Yxy color 78.3013, 0.2589, 0.3143.

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

78.3013, 0.2589, 0.3143

Protanopia

77.8616, 0.3014, 0.3103

Deuteranopia

77.4878, 0.2999, 0.2966



Tritanopia

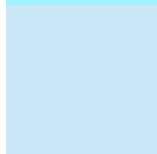
78.3001, 0.2666, 0.3113

Trichromacy



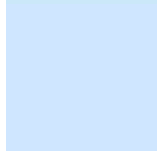
Original Color

78.3013, 0.2589, 0.3143



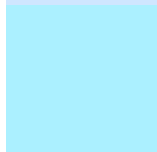
Protanomaly

77.2493, 0.2839, 0.3107



Deuteranomaly

77.0790, 0.2828, 0.3025



Tritanomaly

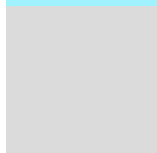
78.1981, 0.2636, 0.3123

Monochromacy



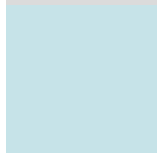
Original Color

78.3013, 0.2589, 0.3143



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.7701, 0.2903, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3013, 0.2589, 0.3143 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, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 242, 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, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 242, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.3013, 0.2589, 0.3143 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, 242, 255) }
```

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

```
.border{ border-color:rgb(161, 242, 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, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 242,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3013, 0.2589, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 242, 255) }
```

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

```
.background{ background-color: rgb(161,  
242, 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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