

Converting Colors

$Yxy(75.5607, 0.2483, 0.3128)$

Have a look what the booklet for
Yxy(75.5607, 0.2483, 0.3128)
contains.

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Color

Yxy(75.5339, 0.2483, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	8AF1FF
RGB	138, 241, 255
RGB Percent	54%, 95%, 100%
CMY	0.4592, 0.0548, 0.0000
CMYK	0.46, 0.05, 0.00, 0.00
HSL	187°, 100%, 77%
HSV	187°, 46%, 100%
XYZ	59.9778, 75.5339, 106.0422
YIQ	211.7990, -65.8820, -17.4820

Conversions

Conversions Part 2

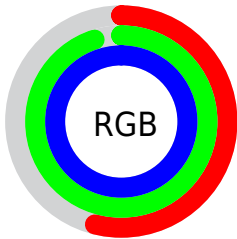
Format	Color
R_{YB}	138, 193, 255
Decimal	9105919
CIE Lab	89.64, -26.49, -16.10
CIE LCh	90, 31.001, 211.295
Yxy	75.5339, 0.2483, 0.3127
Android (android.graphics.Color)	4287295999 (0xFF8AF1FF)
YUV	211.7990, 21.2981, -64.7217
Hunter-Lab	86.9102, -28.9079, -11.5046

Details

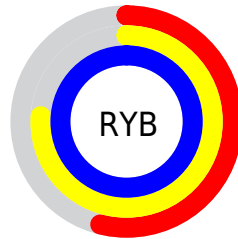
The Yxy color **75.5339, 0.2483, 0.3127** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.5163, 0.4310, 0.3439**, and the grayscale version is **65.5744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **40.3529, 0.2344, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **71.8232, 0.2378, 0.3086**, and if you desaturate by 10%, it is **79.7883, 0.2604, 0.3167**.

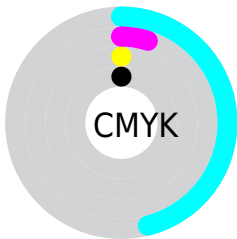
Distribution



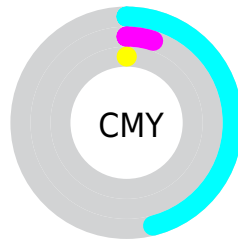
- Red (54%)
- Green (95%)
- Blue (100%)



- Red (54%)
- Yellow (76%)
- Blue (100%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5339, 0.2483, 0.3127 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 75.5339, 0.2483, 0.3127 by changing the saturation by 10% instead.

 75.5339, 0.2483,
0.3127

 75.5339, 0.2483,
0.3127

479.7506, 0.2772,
0.3209

 56.0504, 0.2419,
0.3107


 127.0678, 0.2581,
0.3157

 40.2433, 0.2342,
0.3081


 159.8870, 0.2620,
0.3168

 27.7283, 0.2247,
0.3048


197.9203, 0.2654,
0.3177

 18.1210, 0.2125,
0.3002

241.5519, 0.2683,
0.3186

 11.0369, 0.1966,
0.2938

291.1664, 0.2709,
0.3193

 6.0916, 0.1750,
0.2842

347.1481, 0.2732,

 2.9009, 0.1445,

0.3199

0.2683

409.8814, 0.2753,
0.3204

1.0802, 0.0830,
0.2436

0.0000, 0.0000,
0.0000

75.5339, 0.2483,
0.3127

75.5339, 0.2483,
0.3127

71.8232, 0.2378,
0.3086

79.7883, 0.2604,
0.3167

68.6150, 0.2292,
0.3044

84.6146, 0.2738,
0.3204

65.8697, 0.2225,
0.3002

90.0445, 0.2883,
0.3240

63.5392, 0.2177,
0.2960

96.1060, 0.3035,
0.3272

■ 61.5638, 0.2148,
0.2918

100.0000, 0.3127,
0.3290

■ 60.8233, 0.2139,
0.2901

Harmonies

Analogous

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



75.5339, 0.2680, 0.3483



75.5339, 0.2483, 0.3127



75.5339, 0.2449, 0.2846

Triad

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



75.5339, 0.2483, 0.3127



75.5339, 0.3223, 0.2849



75.5339, 0.3684, 0.3894

Complementary

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



75.5339, 0.2483, 0.3127



45.5163, 0.4310, 0.3439

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.



75.5339, 0.3853, 0.3680



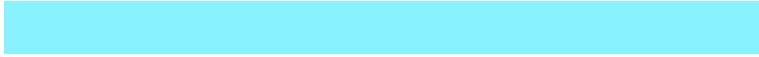
75.5339, 0.2483, 0.3127



75.5339, 0.3580, 0.3092

Square

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



75.5339, 0.2483, 0.3127



75.5339, 0.2858, 0.2709



75.5339, 0.3816, 0.3389



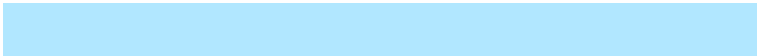
75.5339, 0.3369, 0.3948

Rectangle

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



75.5339, 0.2483, 0.3127



75.5339, 0.2519, 0.2734



75.5339, 0.3816, 0.3389



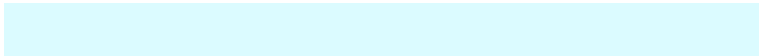
75.5339, 0.3760, 0.3836

Sweetspot

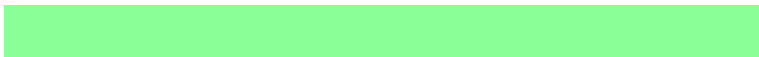
The Sweet Spot groups the original color and five complimentary colors.



75.5355, 0.2483, 0.3127



91.1561, 0.2912, 0.3246



79.1690, 0.2996, 0.4574



19.2436, 0.2880, 0.3239



0.0000, 0.0000, 0.0000



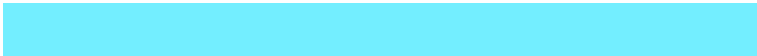
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5355, 0.2483, 0.3127



72.1417, 0.2387, 0.3090



46.3993, 0.2353, 0.2404



20.0891, 0.2980, 0.3261



31.9283, 0.2141, 0.2908



3.2088, 0.2154, 0.2955

Inverse Universe

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



45.7641, 0.3301, 0.2282



39.6522, 0.3343, 0.2110



69.2435, 0.4008, 0.4028



18.2608, 0.3156, 0.3083



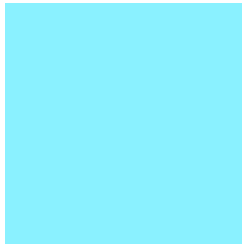
13.9511, 0.3536, 0.1722



1.3685, 0.3494, 0.1698

Previews

White Background



This preview shows how the Yxy color 75.5339, 0.2483, 0.3127 looks on a white background.

Color Contrast Check

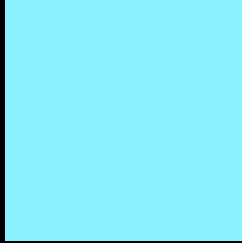
Large Text (above 18pt) WCAG AA × Fail

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 75.5339, 0.2483, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

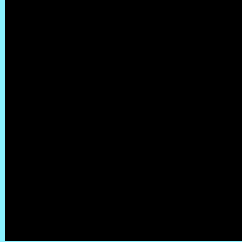
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5339, 0.2483, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 75.5339, 0.2483, 0.3127.

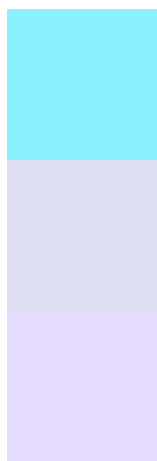


This preview shows how white text looks on a background with the Yxy color 75.5339, 0.2483, 0.3127.

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

75.5339, 0.2483, 0.3127

Protanopia

74.7760, 0.2993, 0.3079

Deuteranopia

74.3770, 0.2959, 0.2920



Tritanopia

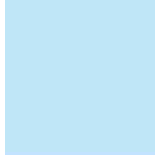
75.3376, 0.2554, 0.3096

Trichromacy



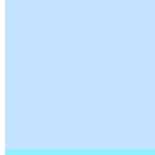
Original Color

75.5339, 0.2483, 0.3127



Protanomaly

74.3854, 0.2776, 0.3102



Deuteranomaly

73.7603, 0.2754, 0.2986



Tritanomaly

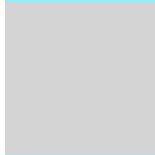
75.3426, 0.2528, 0.3106

Monochromacy



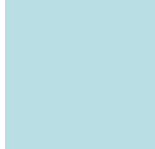
Original Color

75.5339, 0.2483, 0.3127



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.6911, 0.2841, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5339, 0.2483, 0.3127 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(138, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 241, 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(138, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.5339, 0.2483, 0.3127 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(138, 241, 255) }
```

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

```
.border{ border-color:rgb(138, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5339, 0.2483, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 241, 255) }
```

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

```
.background{ background-color: rgb(138,  
241, 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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