

Converting Colors

$Yxy(71.3054, 0.2523, 0.3136)$

Have a look what the booklet for
Yxy(71.3054, 0.2523, 0.3136)
contains.

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Color

Yxy(71.3118, 0.2523, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	8EEAF7
RGB	142, 234, 247
RGB Percent	56%, 92%, 97%
CMY	0.4428, 0.0824, 0.0315
CMYK	0.42, 0.05, 0.00, 0.03
HSL	187°, 87%, 76%
HSV	187°, 42%, 97%
XYZ	57.3723, 71.3118, 98.7132
YIQ	207.9740, -59.0050, -15.4610

Conversions

Conversions Part 2

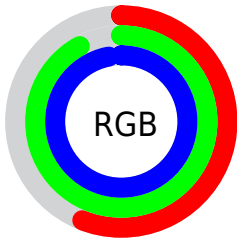
Format	Color
R_{YB}	142, 191, 247
Decimal	9366263
CIE Lab	87.64, -24.15, -14.89
CIE LCh	88, 28.365, 211.654
Yxy	71.3118, 0.2523, 0.3136
Android (android.graphics.Color)	4287556343 (0xFF8EEAF7)
YUV	207.9740, 19.2398, -57.8592
Hunter-Lab	84.4463, -26.5092, -10.1944

Details

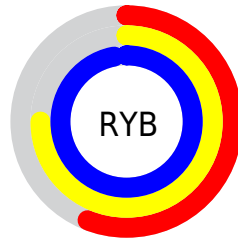
The Yxy color **71.3118, 0.2523, 0.3136** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.1853, 0.4177, 0.3434**, and the grayscale version is **62.9719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **37.4872, 0.2386, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **67.6405, 0.2412, 0.3094**, and if you desaturate by 10%, it is **75.5027, 0.2649, 0.3176**.

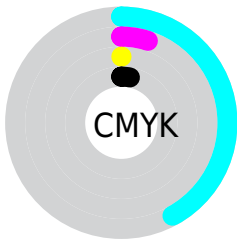
Distribution



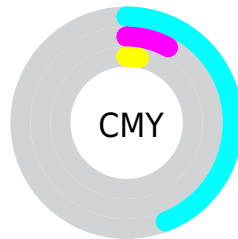
- Red (56%)
- Green (92%)
- Blue (97%)



- Red (56%)
- Yellow (75%)
- Blue (97%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (44%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3118, 0.2523, 0.3136 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 71.3118, 0.2523, 0.3136 by changing the saturation by 10% instead.


 71.3118, 0.2523,
0.3136


 71.3118, 0.2523,
0.3136


465.1427, 0.2797,
0.3214

 52.5967, 0.2462,
0.3117

 121.0776, 0.2617,
0.3164

 37.4809, 0.2387,
0.3092


 152.8970, 0.2654,
0.3175

 25.5801, 0.2294,
0.3060


189.8534, 0.2686,
0.3184

 16.5097, 0.2174,
0.3016

232.3311, 0.2714,
0.3192

 9.8856, 0.2016,
0.2953

280.7145, 0.2738,
0.3198

 5.3232, 0.1798,
0.2856

335.3879, 0.2760,

 2.4381, 0.1483,

0.3204

0.2695

396.7359, 0.2780,
0.3209

0.8454, 0.0629,
0.2484

0.0000, 0.0000,
0.0000

71.3118, 0.2523,
0.3136

71.3118, 0.2523,
0.3136

67.6405, 0.2412,
0.3094

75.5027, 0.2649,
0.3176

64.4479, 0.2318,
0.3051

80.2343, 0.2788,
0.3214

61.7005, 0.2244,
0.3007

85.5366, 0.2935,
0.3250

59.3562, 0.2189,
0.2963

91.4348, 0.3089,
0.3282

■ 57.3645, 0.2153,
0.2920

■ 95.8938, 0.3177,
0.3312

■ 56.0403, 0.2135,
0.2887

■ 97.8008, 0.3175,
0.3341

■ 99.4937, 0.3174,
0.3367

Harmonies

Analogous

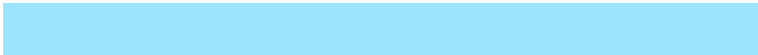
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3118, 0.2707, 0.3467



71.3118, 0.2523, 0.3136



71.3118, 0.2492, 0.2874

Triad

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



71.3118, 0.2523, 0.3136



71.3118, 0.3222, 0.2879



71.3118, 0.3644, 0.3856

Complementary

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



71.3118, 0.2523, 0.3136



45.1853, 0.4177, 0.3434

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.



71.3118, 0.3803, 0.3660



71.3118, 0.2523, 0.3136



71.3118, 0.3553, 0.3108

Square

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



71.3118, 0.2523, 0.3136



71.3118, 0.2880, 0.2746



71.3118, 0.3771, 0.3388



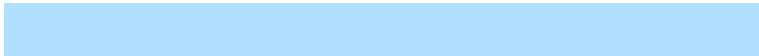
71.3118, 0.3350, 0.3902

Rectangle

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



71.3118, 0.2523, 0.3136



71.3118, 0.2560, 0.2769



71.3118, 0.3771, 0.3388



71.3118, 0.3716, 0.3804

Sweetspot

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



71.3146, 0.2523, 0.3136



91.6571, 0.2927, 0.3248



74.6061, 0.3005, 0.4458



19.3386, 0.2894, 0.3240



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.



71.3146, 0.2523, 0.3136



73.2571, 0.2426, 0.3100



46.0450, 0.2415, 0.2485



18.3873, 0.2981, 0.3260



29.7888, 0.2137, 0.2895



2.7144, 0.2152, 0.2949

Inverse Universe

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



45.0785, 0.3289, 0.2358



42.1413, 0.3330, 0.2188



66.2354, 0.3929, 0.3974



16.7309, 0.3157, 0.3085



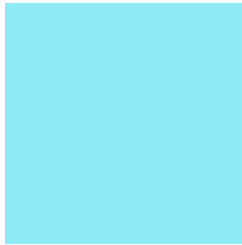
13.1066, 0.3548, 0.1728



1.1617, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 71.3118, 0.2523, 0.3136 looks on a white background.

Color Contrast Check

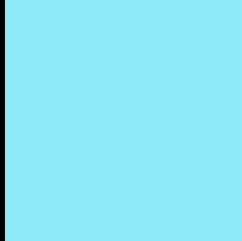
Large Text (above 18pt) WCAG AA × Fail

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 71.3118, 0.2523, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

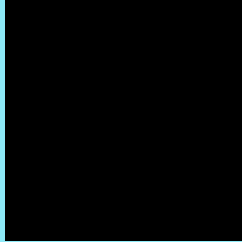
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3118, 0.2523, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 71.3118, 0.2523, 0.3136.

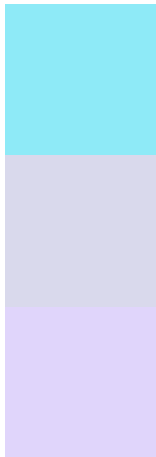


This preview shows how white text looks on a background with the Yxy color 71.3118, 0.2523, 0.3136.

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

71.3118, 0.2523, 0.3136

Protanopia

70.4336, 0.3003, 0.3085

Deuteranopia

70.4008, 0.2956, 0.2892



Tritanopia

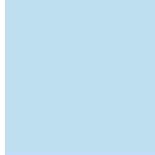
71.2354, 0.2507, 0.3068

Trichromacy



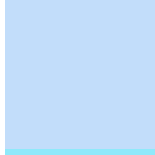
Original Color

71.3118, 0.2523, 0.3136



Protanomaly

70.0138, 0.2803, 0.3098



Deuteranomaly

70.0844, 0.2770, 0.2970



Tritanomaly

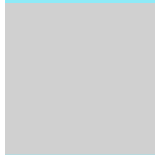
71.0196, 0.2511, 0.3090

Monochromacy



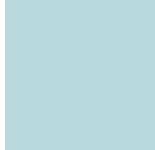
Original Color

71.3118, 0.2523, 0.3136



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.0900, 0.2867, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3118, 0.2523, 0.3136 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(142, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(142, 234, 247)  
}
```

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(142, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 234, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.3118, 0.2523, 0.3136 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(142, 234, 247) }
```

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

```
.border{ border-color:rgb(142, 234, 247) }
```

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

Here you see how a box with a 4 pixel rgb(142, 234, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(142, 234,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3118, 0.2523, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 234, 247) }
```

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

```
.background{ background-color: rgb(142,  
234, 247) }
```

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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