

Converting Colors

$Yxy(73.4720, 0.2542, 0.3062)$

Have a look what the booklet for
Yxy(73.4720, 0.2542, 0.3062)
contains.

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Color

Yxy(73.5067, 0.2543, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	9AEBFF
RGB	154, 235, 255
RGB Percent	60%, 92%, 100%
CMY	0.3965, 0.0783, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	61.0675, 73.5067, 105.5653
YIQ	213.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

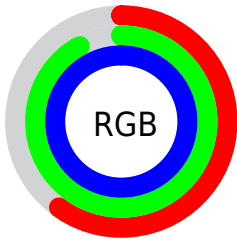
Format	Color
RYB	154, 199, 255
Decimal	10152959
CIELab	88.69, -19.80, -17.45
CIELCh	89, 26.391, 221.392
Yxy	73.5067, 0.2543, 0.3061
Android (android.graphics.Color)	4288343039 (0xFF9AEBFF)
YUV	213.0610, 20.6759, -51.7965
Hunter-Lab	85.7360, -22.8974, -12.9875

Details

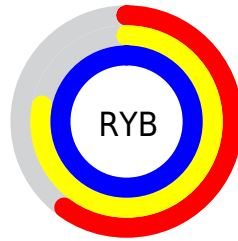
The Yxy color **73.5067, 0.2543, 0.3061** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8044, 0.4047, 0.3503**, and the grayscale version is **66.4554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **38.8588, 0.2415, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **68.4268, 0.2419, 0.2993**, and if you desaturate by 10%, it is **79.2052, 0.2680, 0.3125**.

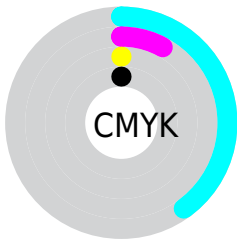
Distribution



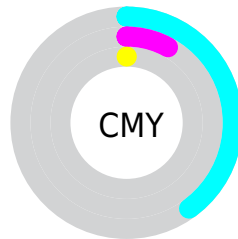
- Red (60%)
- Green (92%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5067, 0.2543, 0.3061 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 73.5067, 0.2543, 0.3061 by changing the saturation by 10% instead.


 73.5067, 0.2543,
0.3061


 73.5067, 0.2543,
0.3061


472.7691, 0.2807,
0.3172

 54.3904, 0.2485,
0.3035


 124.1963, 0.2633,
0.3100

 38.9139, 0.2413,
0.3001


 156.5383, 0.2669,
0.3116

 26.6927, 0.2325,
0.2959


194.0577, 0.2699,
0.3128

 17.3426, 0.2211,
0.2902

237.1389, 0.2726,
0.3140

 10.4790, 0.2062,
0.2823

286.1662, 0.2750,
0.3149

 5.7177, 0.1858,
0.2706

341.5241, 0.2771,

 2.6742, 0.1564,

0.3158

0.2520

403.5969, 0.2790,
0.3165

■ 0.9641, 0.0994,
0.2223

■ 0.0000, 0.0000,
0.0000

■ 73.5067, 0.2543,
0.3061

■ 73.5067, 0.2543,
0.3061

■ 68.4268, 0.2419,
0.2993

■ 79.2052, 0.2680,
0.3125

■ 63.9222, 0.2311,
0.2922

■ 85.5453, 0.2826,
0.3186

■ 59.9573, 0.2220,
0.2850

■ 92.5592, 0.2978,
0.3241

■ 56.4881, 0.2150,
0.2777

99.9992, 0.3127,
0.3290

■ 53.4623, 0.2099,
0.2704

■ 50.7981, 0.2065,
0.2633

■ 50.7072, 0.2064,
0.2630

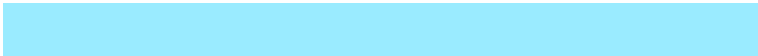
Harmonies

Analogous

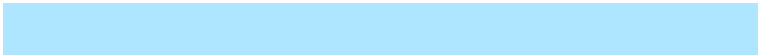
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5067, 0.2670, 0.3353



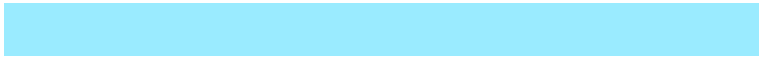
73.5067, 0.2543, 0.3061



73.5067, 0.2563, 0.2853

Triad

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



73.5067, 0.2543, 0.3061



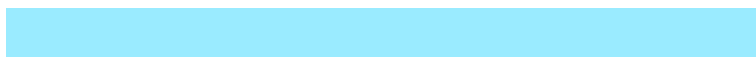
73.5067, 0.3320, 0.2971



73.5067, 0.3527, 0.3843

Complementary

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



73.5067, 0.2543, 0.3061



53.8044, 0.4047, 0.3503

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.



73.5067, 0.3720, 0.3703



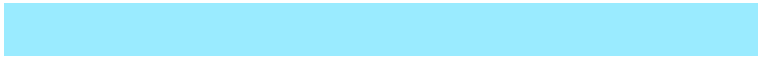
73.5067, 0.2543, 0.3061



73.5067, 0.3600, 0.3204

Square

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



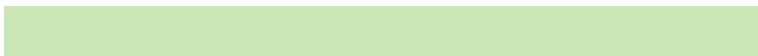
73.5067, 0.2543, 0.3061



73.5067, 0.2998, 0.2815



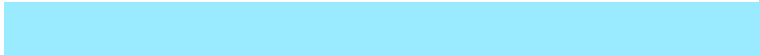
73.5067, 0.3749, 0.3468



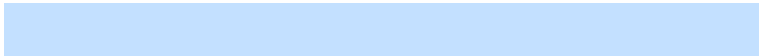
73.5067, 0.3232, 0.3827

Rectangle

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



73.5067, 0.2543, 0.3061



73.5067, 0.2656, 0.2782



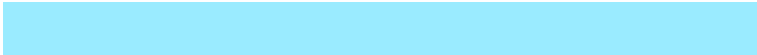
73.5067, 0.3749, 0.3468



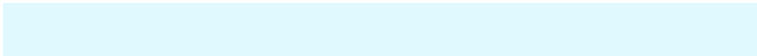
73.5067, 0.3607, 0.3811

Sweetspot

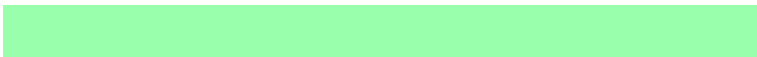
The Sweet Spot groups the original color and five complimentary colors.



73.5096, 0.2543, 0.3061



90.8563, 0.2941, 0.3229



81.3667, 0.2978, 0.4285



19.2470, 0.2921, 0.3221



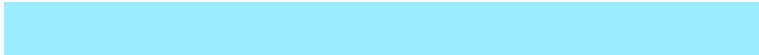
0.0000, 0.0000, 0.0000



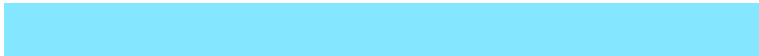
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5096, 0.2543, 0.3061



69.2305, 0.2438, 0.3004



49.1578, 0.2450, 0.2463



19.8360, 0.2980, 0.3242



26.7137, 0.2067, 0.2642



2.7491, 0.2090, 0.2724

Inverse Universe

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



50.3337, 0.3341, 0.2481



43.6856, 0.3399, 0.2321



76.3490, 0.3841, 0.3994



18.2353, 0.3168, 0.3101



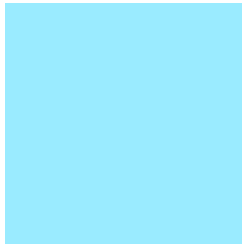
13.4247, 0.3783, 0.1858



1.3221, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 73.5067, 0.2543, 0.3061 looks on a white background.

Color Contrast Check

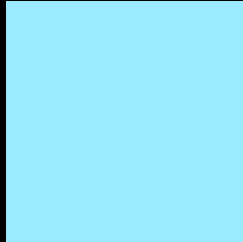
Large Text (above 18pt) WCAG AA × Fail

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 73.5067, 0.2543, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

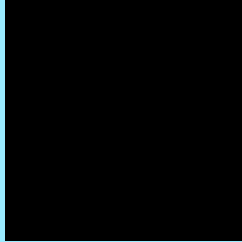
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5067, 0.2543, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 73.5067, 0.2543, 0.3061.

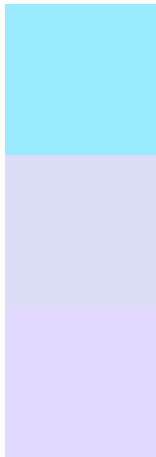


This preview shows how white text looks on a background with the Yxy color 73.5067, 0.2543, 0.3061.

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

73.5067, 0.2543, 0.3061

Protanopia

72.8390, 0.2960, 0.3025

Deuteranopia

72.8533, 0.2938, 0.2896



Tritanopia

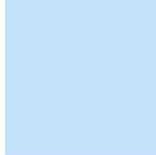
73.4424, 0.2548, 0.3072

Trichromacy



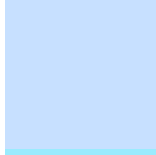
Original Color

73.5067, 0.2543, 0.3061



Protanomaly

72.2921, 0.2785, 0.3026



Deuteranomaly

72.6734, 0.2775, 0.2955



Tritanomaly

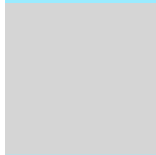
73.4424, 0.2548, 0.3072

Monochromacy



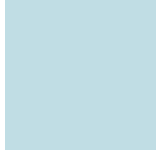
Original Color

73.5067, 0.2543, 0.3061



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.5208, 0.2885, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5067, 0.2543, 0.3061 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(154, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 235, 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(154, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.5067, 0.2543, 0.3061 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(154, 235, 255) }
```

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

```
.border{ border-color:rgb(154, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5067, 0.2543, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 235, 255) }
```

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

```
.background{ background-color: rgb(154,  
235, 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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