

Converting Colors

$Yxy(73.4305, 0.2574, 0.3047)$

Have a look what the booklet for
Yxy(73.4305, 0.2574, 0.3047)
contains.

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Color

Yxy(73.6427, 0.2576, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	A1EAFB
RGB	161, 234, 255
RGB Percent	63%, 92%, 100%
CMY	0.3685, 0.0824, 0.0000
CMYK	0.37, 0.08, 0.00, 0.00
HSL	193°, 100%, 82%
HSV	193°, 37%, 100%
XYZ	62.1775, 73.6427, 105.5521
YIQ	214.5670, -50.2490, -8.9450

Conversions

Conversions Part 2

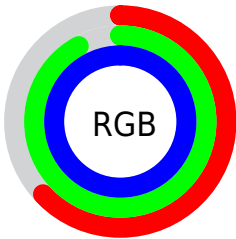
Format	Color
R _Y B	161, 202, 255
Decimal	10611455
CIE Lab	88.75, -17.48, -17.33
CIE LCh	89, 24.613, 224.757
Yxy	73.6427, 0.2576, 0.3051
Android (android.graphics.Color)	4288801535 (0xFFA1EAF5)
YUV	214.5670, 19.9335, -46.9783
Hunter-Lab	85.8153, -20.8446, -12.8555

Details

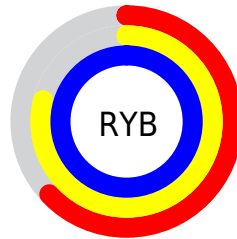
The Yxy color **73.6427, 0.2576, 0.3051** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.3094, 0.3949, 0.3513**, and the grayscale version is **67.5423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **38.9213, 0.2455, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **68.0657, 0.2445, 0.2975**, and if you desaturate by 10%, it is **79.8688, 0.2718, 0.3123**.

Distribution



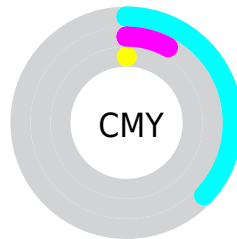
- Red (63%)
- Green (92%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6427, 0.2576, 0.3051 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 73.6427, 0.2576, 0.3051 by changing the saturation by 10% instead.


 73.6427, 0.2576,
0.3051

 73.6427, 0.2576,
0.3051


473.2393, 0.2825,
0.3166

 54.5017, 0.2521,
0.3024

 124.3892, 0.2661,
0.3092

 39.0029, 0.2453,
0.2990


 156.7634, 0.2695,
0.3107

 26.7620, 0.2369,
0.2947


194.3175, 0.2724,
0.3121

 17.3945, 0.2262,
0.2889

237.4358, 0.2749,
0.3132

 10.5162, 0.2120,
0.2809

286.5027, 0.2771,
0.3142

 5.7425, 0.1924,
0.2692

341.9027, 0.2791,

 2.6892, 0.1643,

0.3151

0.2507

404.0201, 0.2809,
0.3159

■ 0.9717, 0.1122,
0.2205

■ 0.0000, 0.0000,
0.0000

■ 73.6427, 0.2576,
0.3051

■ 73.6427, 0.2576,
0.3051

■ 68.0657, 0.2445,
0.2975

■ 79.8688, 0.2718,
0.3123

■ 63.0972, 0.2329,
0.2895

■ 86.7686, 0.2867,
0.3190

■ 58.7016, 0.2230,
0.2812

■ 94.3732, 0.3021,
0.3251

■ 54.8365, 0.2150,
0.2729

100.0000, 0.3127,
0.3290

■ 51.4519, 0.2090,
0.2645

■ 48.4851, 0.2049,
0.2563

■ 47.6064, 0.2038,
0.2537

Harmonies

Analogous

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



73.6427, 0.2681, 0.3318



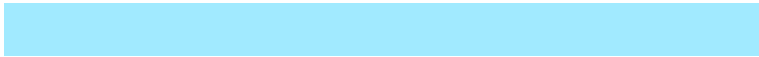
73.6427, 0.2576, 0.3051



73.6427, 0.2610, 0.2867

Triad

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



73.6427, 0.2576, 0.3051



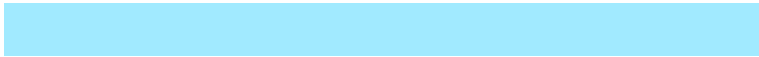
73.6427, 0.3340, 0.3013



73.6427, 0.3473, 0.3811

Complementary

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



73.6427, 0.2576, 0.3051



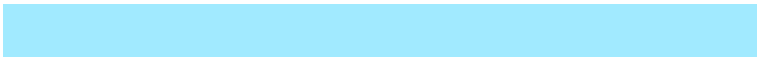
57.3094, 0.3949, 0.3513

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.



73.6427, 0.3667, 0.3697



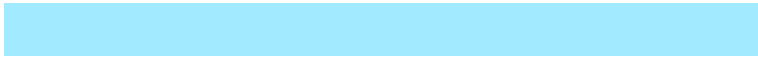
73.6427, 0.2576, 0.3051



73.6427, 0.3591, 0.3238

Square

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



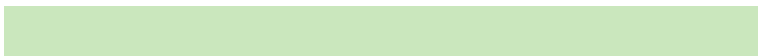
73.6427, 0.2576, 0.3051



73.6427, 0.3040, 0.2857



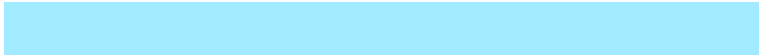
73.6427, 0.3712, 0.3485



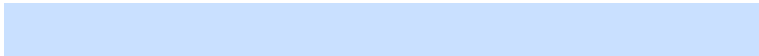
73.6427, 0.3192, 0.3777

Rectangle

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



73.6427, 0.2576, 0.3051



73.6427, 0.2707, 0.2810



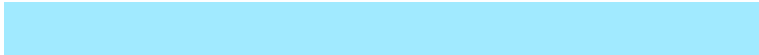
73.6427, 0.3712, 0.3485



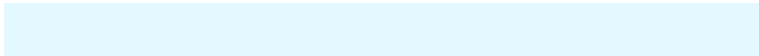
73.6427, 0.3551, 0.3787

Sweetspot

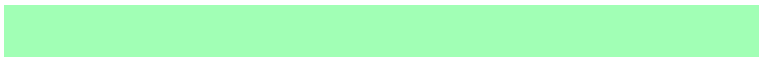
The Sweet Spot groups the original color and five complimentary colors.



73.6450, 0.2576, 0.3051



91.1271, 0.2957, 0.3227



82.4541, 0.2971, 0.4163



19.2839, 0.2936, 0.3218



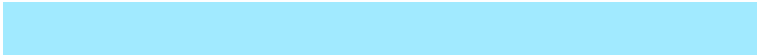
0.0000, 0.0000, 0.0000



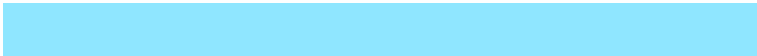
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6450, 0.2576, 0.3051



69.5900, 0.2481, 0.2997



50.6243, 0.2496, 0.2494



19.7520, 0.2980, 0.3236



25.1087, 0.2042, 0.2551



2.6059, 0.2068, 0.2645

Inverse Universe

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



52.7048, 0.3343, 0.2559



46.5535, 0.3398, 0.2422



79.5300, 0.3773, 0.3973



18.2268, 0.3172, 0.3107



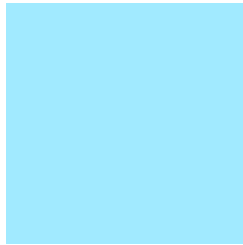
13.2627, 0.3872, 0.1907



1.3076, 0.3781, 0.1856

Previews

White Background



This preview shows how the Yxy color 73.6427, 0.2576, 0.3051 looks on a white background.

Color Contrast Check

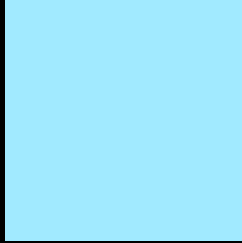
Large Text (above 18pt) WCAG AA × Fail

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 73.6427, 0.2576, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

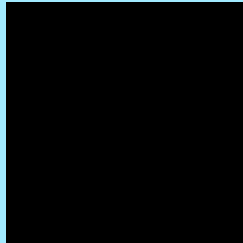
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6427, 0.2576, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 73.6427, 0.2576, 0.3051.

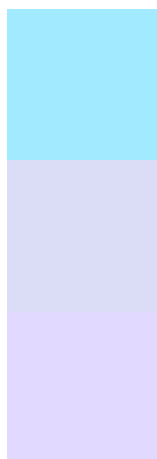


This preview shows how white text looks on a background with the Yxy color 73.6427, 0.2576, 0.3051.

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

73.6427, 0.2576, 0.3051

Protanopia

72.9003, 0.2954, 0.3014

Deuteranopia

72.8533, 0.2938, 0.2896



Tritanopia

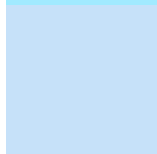
73.5146, 0.2585, 0.3073

Trichromacy



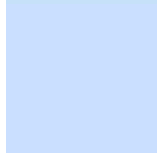
Original Color

73.6427, 0.2576, 0.3051



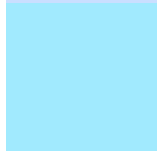
Protanomaly

72.6957, 0.2803, 0.3028



Deuteranomaly

72.5519, 0.2793, 0.2945



Tritanomaly

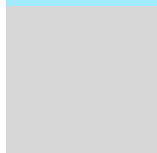
73.5785, 0.2581, 0.3062

Monochromacy



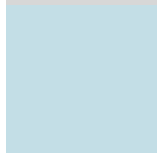
Original Color

73.6427, 0.2576, 0.3051



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.5578, 0.2893, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6427, 0.2576, 0.3051 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.6427, 0.2576, 0.3051 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, 234, 255) }
```

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

```
.border{ border-color:rgb(161, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6427, 0.2576, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 234, 255) }
```

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

```
.background{ background-color: rgb(161,  
234, 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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