

Converting Colors

$Yxy(74.3453, 0.2613, 0.3152)$

Have a look what the booklet for
Yxy(74.3453, 0.2613, 0.3152)
contains.

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Color

Yxy(74.3453, 0.2613, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	A1ECF8
RGB	161, 236, 248
RGB Percent	63%, 93%, 97%
CMY	0.3687, 0.0745, 0.0275
CMYK	0.35, 0.05, 0.00, 0.03
HSL	188°, 86%, 80%
HSV	188°, 35%, 97%
XYZ	61.6321, 74.3453, 99.8897
YIQ	214.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

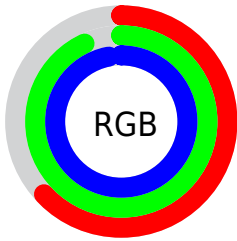
Format	Color
R _Y B	161, 201, 248
Decimal	10611960
CIE _{Lab}	89.09, -20.18, -13.15
CIE _{LCh}	89, 24.090, 213.093
Y _{xy}	74.3453, 0.2613, 0.3152
Android (android.graphics.Color)	4288802040 (0xFFA1ECF8)
YUV	214.9430, 16.2971, -47.3080
Hunter-Lab	86.2237, -23.3011, -8.3305

Details

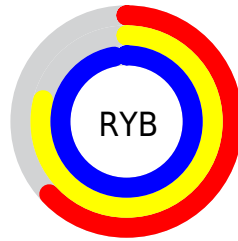
The Yxy color **74.3453, 0.2613, 0.3152** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.3979, 0.3923, 0.3422**, and the grayscale version is **67.8265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **39.4515, 0.2494, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **70.0762, 0.2489, 0.3106**, and if you desaturate by 10%, it is **79.1687, 0.2750, 0.3195**.

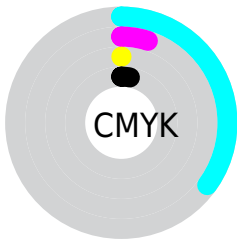
Distribution



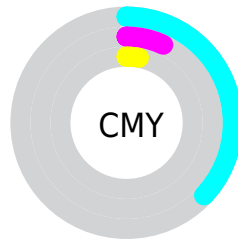
- Red (63%)
- Green (93%)
- Blue (97%)



- Red (63%)
- Yellow (79%)
- Blue (97%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)




- Cyan (37%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3453, 0.2613, 0.3152 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 74.3453, 0.2613, 0.3152 by changing the saturation by 10% instead.

 74.3453, 0.2613,
0.3152

 74.3453, 0.2613,
0.3152


475.6643, 0.2846,
0.3220

 55.0767, 0.2561,
0.3135


 125.3852, 0.2693,
0.3176

 39.4631, 0.2498,
0.3115

 157.9252, 0.2724,
0.3186

 27.1202, 0.2419,
0.3087


195.6579, 0.2751,
0.3194

 17.6635, 0.2318,
0.3051

238.9676, 0.2775,
0.3201

 10.7087, 0.2183,
0.2999

288.2387, 0.2796,
0.3206

 5.8713, 0.1998,
0.2920

343.8555, 0.2814,

 2.7670, 0.1726,

0.3212

0.2791

406.2026, 0.2831,
0.3216

■ 1.0113, 0.1183,
0.2582

■ 0.0000, 0.0000,
0.0000

■ 74.3453, 0.2613,
0.3152

■ 74.3453, 0.2613,
0.3152

■ 70.0762, 0.2489,
0.3106

■ 79.1687, 0.2750,
0.3195

■ 66.3220, 0.2381,
0.3059

■ 84.5655, 0.2896,
0.3235

■ 63.0518, 0.2290,
0.3010

■ 90.5649, 0.3048,
0.3272

■ 60.2277, 0.2219,
0.2961

■ 96.1947, 0.3171,
0.3306

■ 57.8051, 0.2167,
0.2912

■ 98.3307, 0.3169,
0.3339

■ 55.7297, 0.2134,
0.2864

■ 99.5560, 0.3168,
0.3357

■ 54.7963, 0.2122,
0.2840

Harmonies

Analogous

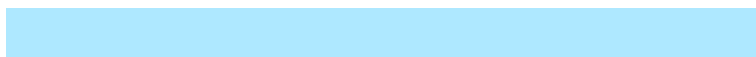
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3453, 0.2764, 0.3425



74.3453, 0.2613, 0.3152



74.3453, 0.2593, 0.2935

Triad

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



74.3453, 0.2613, 0.3152



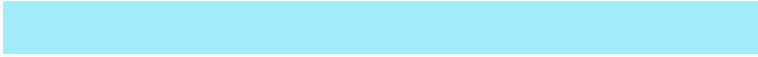
74.3453, 0.3222, 0.2950



74.3453, 0.3553, 0.3770

Complementary

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



74.3453, 0.2613, 0.3152



52.3979, 0.3923, 0.3422

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.



74.3453, 0.3690, 0.3615



74.3453, 0.2613, 0.3152



74.3453, 0.3496, 0.3149

Square

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



74.3453, 0.2613, 0.3152



74.3453, 0.2934, 0.2833



74.3453, 0.3670, 0.3388



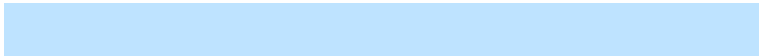
74.3453, 0.3303, 0.3796

Rectangle

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



74.3453, 0.2613, 0.3152



74.3453, 0.2655, 0.2848



74.3453, 0.3670, 0.3388



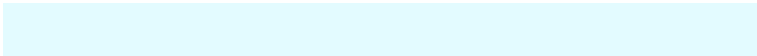
74.3453, 0.3614, 0.3730

Sweetspot

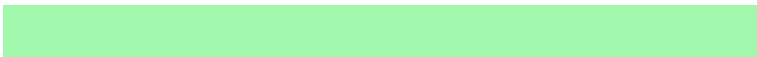
The Sweet Spot groups the original color and five complimentary colors.



74.3482, 0.2613, 0.3152



92.6248, 0.2957, 0.3251



77.6990, 0.3017, 0.4203



19.6428, 0.2936, 0.3246



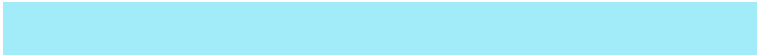
0.0000, 0.0000, 0.0000



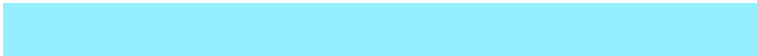
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3482, 0.2613, 0.3152



75.9816, 0.2525, 0.3120



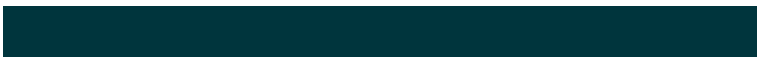
52.4423, 0.2542, 0.2630



19.1773, 0.2980, 0.3256



29.7613, 0.2124, 0.2848



2.8652, 0.2141, 0.2906

Inverse Universe

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



51.4962, 0.3266, 0.2526



48.7154, 0.3300, 0.2379



71.6799, 0.3763, 0.3869



17.4811, 0.3159, 0.3088



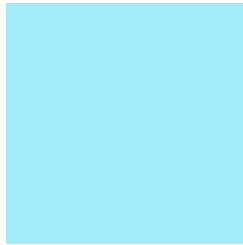
13.4153, 0.3591, 0.1752



1.2535, 0.3538, 0.1723

Previews

White Background



This preview shows how the Yxy color 74.3453, 0.2613, 0.3152 looks on a white background.

Color Contrast Check

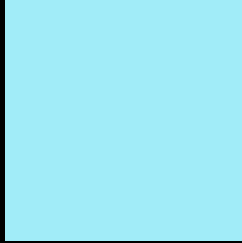
Large Text (above 18pt) WCAG AA × Fail

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 74.3453, 0.2613, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

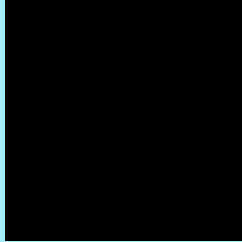
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3453, 0.2613, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 74.3453, 0.2613, 0.3152.

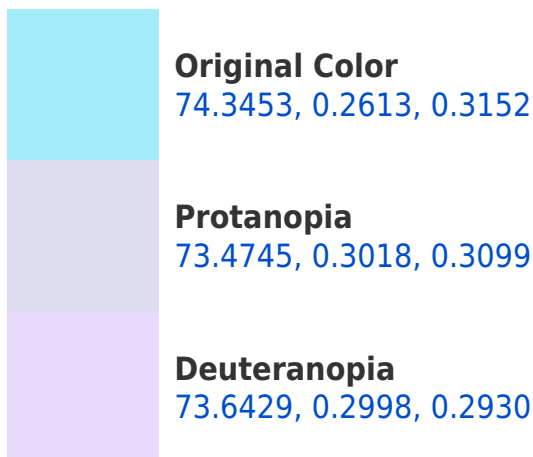


This preview shows how white text looks on a background with the Yxy color 74.3453, 0.2613, 0.3152.

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





Tritanopia

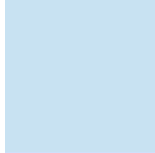
74.2538, 0.2587, 0.3074

Trichromacy



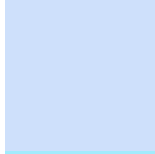
Original Color

74.3453, 0.2613, 0.3152



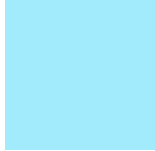
Protanomaly

73.0829, 0.2856, 0.3114



Deuteranomaly

73.3982, 0.2841, 0.3000



Tritanomaly

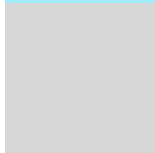
74.1263, 0.2597, 0.3096

Monochromacy



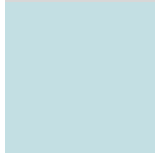
Original Color

74.3453, 0.2613, 0.3152



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.9235, 0.2912, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3453, 0.2613, 0.3152 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, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(161, 236, 248)  
}
```

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, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 236, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.3453, 0.2613, 0.3152 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, 236, 248) }
```

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

```
.border{ border-color:rgb(161, 236, 248) }
```

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

Here you see how a box with a 4 pixel rgb(161, 236, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(161, 236,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3453, 0.2613, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 236, 248) }
```

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

```
.background{ background-color: rgb(161,  
236, 248) }
```

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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