

Converting Colors

$Yxy(74.6652, 0.2614, 0.3058)$

Have a look what the booklet for
Yxy(74.6652, 0.2614, 0.3058)
contains.

Yxy(74.3905, 0.2611, 0.3053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.3905, 0.2611, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	A8EAFF
RGB	168, 234, 255
RGB Percent	66%, 92%, 100%
CMY	0.3413, 0.0823, 0.0000
CMYK	0.34, 0.08, 0.00, 0.00
HSL	194°, 100%, 83%
HSV	194°, 34%, 100%
XYZ	63.6206, 74.3905, 105.6525
YIQ	216.6600, -46.0770, -7.4610

Conversions

Conversions Part 2

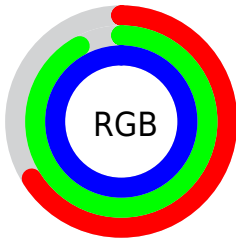
Format	Color
R _{YB}	168, 206, 255
Decimal	11070207
CIE _{Lab}	89.11, -15.67, -16.78
CIE _{LCh}	89, 22.961, 226.968
Y _{xy}	74.3905, 0.2611, 0.3053
Android (android.graphics.Color)	4289260287 (0xFFA8EAFF)
YUV	216.6600, 18.9016, -42.6748
Hunter-Lab	86.2499, -19.2703, -12.2528

Details

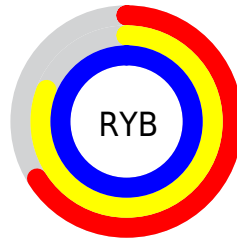
The Yxy color **74.3905, 0.2611, 0.3053** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4613, 0.3863, 0.3512**, and the grayscale version is **69.0293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **39.3628, 0.2495, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **68.4198, 0.2475, 0.2972**, and if you desaturate by 10%, it is **81.0312, 0.2757, 0.3130**.

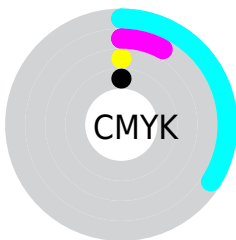
Distribution



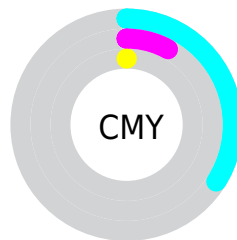
- Red (66%)
- Green (92%)
- Blue (100%)



- Red (66%)
- Yellow (81%)
- Blue (100%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3905, 0.2611, 0.3053 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 74.3905, 0.2611, 0.3053 by changing the saturation by 10% instead.


 74.3905, 0.2611,
0.3053

 74.3905, 0.2611,
0.3053


475.8200, 0.2844,
0.3166

 55.1137, 0.2559,
0.3026


 125.4492, 0.2691,
0.3093

 39.4928, 0.2496,
0.2993


157.9999, 0.2722,
0.3108

 27.1433, 0.2417,
0.2951


195.7441, 0.2749,
0.3121

 17.6809, 0.2316,
0.2895

239.0660, 0.2773,
0.3133

 10.7211, 0.2183,
0.2818

288.3502, 0.2794,
0.3143

 5.8796, 0.1999,
0.2706

343.9810, 0.2813,

 2.7720, 0.1732,

0.3151

0.2529

406.3428, 0.2829,
0.3159

■ 1.0139, 0.1268,
0.2233

■ 0.0000, 0.0000,
0.0000

■ 74.3905, 0.2611,
0.3053

■ 74.3905, 0.2611,
0.3053

■ 68.4198, 0.2475,
0.2972

■ 81.0312, 0.2757,
0.3130

■ 63.0860, 0.2353,
0.2886

■ 88.3731, 0.2908,
0.3201

■ 58.3523, 0.2246,
0.2797

■ 96.4447, 0.3063,
0.3265

■ 54.1773, 0.2158,
0.2707

100.0000, 0.3127,
0.3290

■ 50.5131, 0.2090,
0.2616

■ 47.3015, 0.2042,
0.2526

■ 45.5799, 0.2021,
0.2474

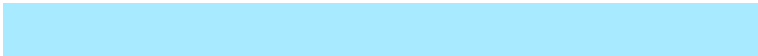
Harmonies

Analogous

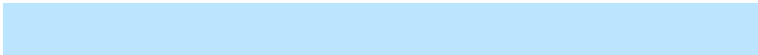
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3905, 0.2700, 0.3297



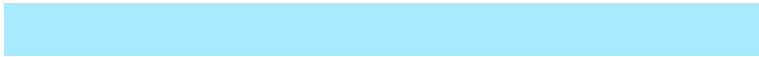
74.3905, 0.2611, 0.3053



74.3905, 0.2652, 0.2888

Triad

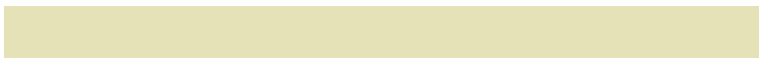
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3905, 0.2611, 0.3053



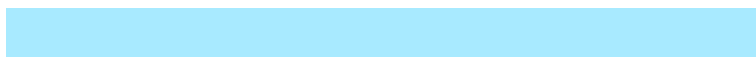
74.3905, 0.3345, 0.3046



74.3905, 0.3433, 0.3777

Complementary

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



74.3905, 0.2611, 0.3053



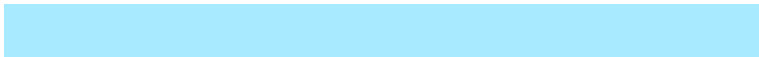
60.4613, 0.3863, 0.3512

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.



74.3905, 0.3620, 0.3681



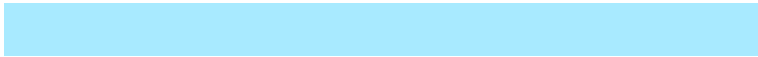
74.3905, 0.2611, 0.3053



74.3905, 0.3571, 0.3259

Square

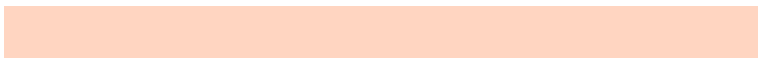
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3905, 0.2611, 0.3053



74.3905, 0.3067, 0.2893



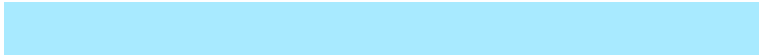
74.3905, 0.3673, 0.3489



74.3905, 0.3168, 0.3733

Rectangle

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



74.3905, 0.2611, 0.3053



74.3905, 0.2749, 0.2840



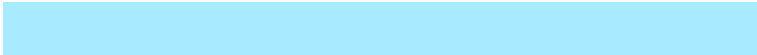
74.3905, 0.3673, 0.3489



74.3905, 0.3507, 0.3759

Sweetspot

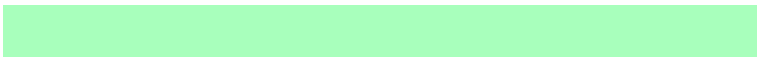
The Sweet Spot groups the original color and five complimentary colors.



74.3903, 0.2611, 0.3054



91.6188, 0.2972, 0.3228



83.4831, 0.2974, 0.4070



19.3709, 0.2950, 0.3219



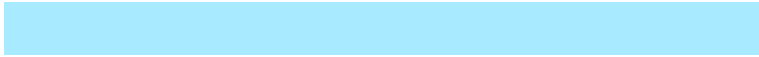
0.0000, 0.0000, 0.0000



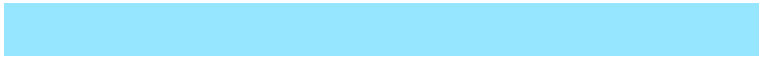
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3903, 0.2611, 0.3054



70.2201, 0.2517, 0.2998



52.8772, 0.2544, 0.2545



19.6953, 0.2980, 0.3231



24.0608, 0.2025, 0.2489



2.5120, 0.2053, 0.2591

Inverse Universe

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



55.1920, 0.3336, 0.2627



48.9176, 0.3391, 0.2495



81.6806, 0.3716, 0.3936



18.2210, 0.3175, 0.3111



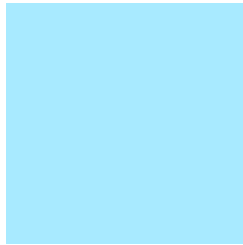
13.1569, 0.3934, 0.1941



1.2981, 0.3833, 0.1885

Previews

White Background



This preview shows how the Yxy color 74.3905, 0.2611, 0.3053 looks on a white background.

Color Contrast Check

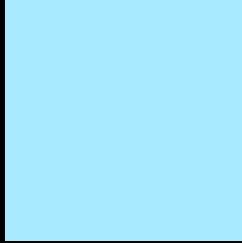
Large Text (above 18pt) WCAG AA × Fail

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 74.3905, 0.2611, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

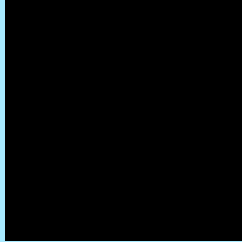
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3905, 0.2611, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 74.3905, 0.2611, 0.3053.

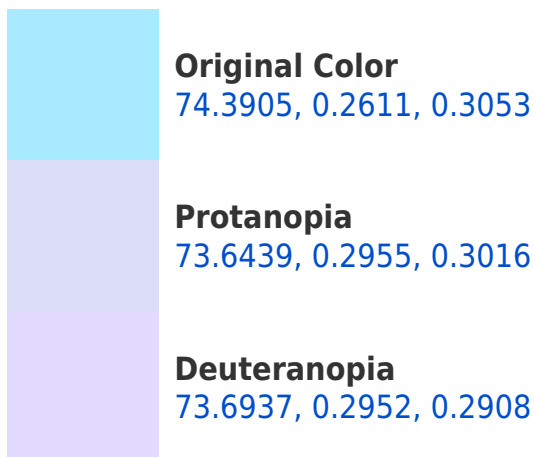


This preview shows how white text looks on a background with the Yxy color 74.3905, 0.2611, 0.3053.

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

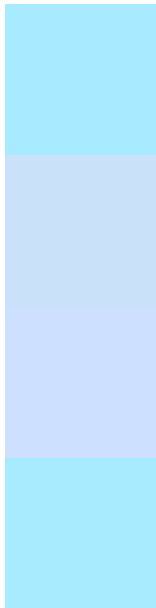




Tritanopia

74.2623, 0.2621, 0.3075

Trichromacy



Original Color

74.3905, 0.2611, 0.3053

Protanomaly

73.7123, 0.2817, 0.3030

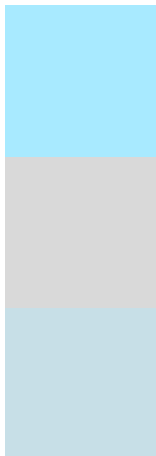
Deuteranomaly

73.6531, 0.2818, 0.2959

Tritanomaly

74.3262, 0.2616, 0.3064

Monochromacy



Original Color

74.3905, 0.2611, 0.3053

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.6870, 0.2914, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3905, 0.2611, 0.3053 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(168, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3905, 0.2611, 0.3053 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(168, 234, 255) }
```

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

```
.border{ border-color:rgb(168, 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(168, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3905, 0.2611, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 234, 255) }
```

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

```
.background{ background-color: rgb(168,  
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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