

Converting Colors

$Yxy(74.4496, 0.2548, 0.3079)$

Have a look what the booklet for
Yxy(74.4496, 0.2548, 0.3079)
contains.

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Color

Yxy(74.6584, 0.2547, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	9AEDFF
RGB	154, 237, 255
RGB Percent	60%, 93%, 100%
CMY	0.3961, 0.0706, 0.0000
CMYK	0.40, 0.07, 0.00, 0.00
HSL	191°, 100%, 80%
HSV	191°, 40%, 100%
XYZ	61.6585, 74.6584, 105.7661
YIQ	214.2350, -55.2460, -11.9980

Conversions

Conversions Part 2

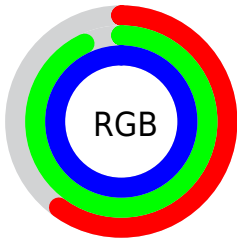
Format	Color
RYB	154, 200, 255
Decimal	10153471
CIELab	89.23, -20.76, -16.64
CIELCh	89, 26.600, 218.716
Yxy	74.6584, 0.2547, 0.3084
Android (android.graphics.Color)	4288343551 (0xFF9AEDFF)
YUV	214.2350, 20.0971, -52.8261
Hunter-Lab	86.4051, -23.8316, -12.0917

Details

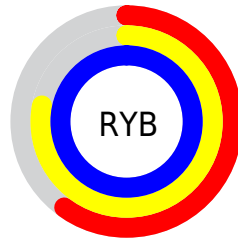
The Yxy color **74.6584, 0.2547, 0.3084** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0918, 0.4055, 0.3482**, and the grayscale version is **67.3019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **39.6664, 0.2421, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **69.8223, 0.2425, 0.3023**, and if you desaturate by 10%, it is **80.0983, 0.2682, 0.3142**.

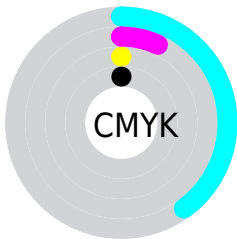
Distribution



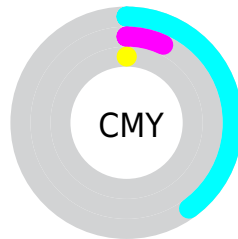
- Red (60%)
- Green (93%)
- Blue (100%)



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



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6584, 0.2547, 0.3084 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 74.6584, 0.2547, 0.3084 by changing the saturation by 10% instead.

 74.6584, 0.2547,
0.3084

 74.6584, 0.2547,
0.3084


476.7426, 0.2808,
0.3184

 55.3331, 0.2489,
0.3060

 125.8287, 0.2636,
0.3120

 39.6685, 0.2419,
0.3030


 158.4425, 0.2671,
0.3133

 27.2801, 0.2331,
0.2991


196.2545, 0.2702,
0.3145

 17.7837, 0.2220,
0.2939

239.6492, 0.2728,
0.3155

 10.7948, 0.2073,
0.2867

289.0110, 0.2752,
0.3164

 5.9290, 0.1872,
0.2760

344.7242, 0.2773,

 2.8020, 0.1583,

0.3172

0.2589

407.1733, 0.2791,
0.3178

■ 1.0292, 0.1043,
0.2310

■ 0.0000, 0.0000,
0.0000

■ 74.6584, 0.2547,
0.3084

■ 74.6584, 0.2547,
0.3084

■ 69.8223, 0.2425,
0.3023

■ 80.0983, 0.2682,
0.3142

■ 65.5469, 0.2319,
0.2960

■ 86.1649, 0.2827,
0.3196

■ 61.7967, 0.2232,
0.2895

■ 92.8899, 0.2978,
0.3246

■ 58.5280, 0.2164,
0.2830

■ 99.9999, 0.3127,
0.3290

■ 55.6887, 0.2116,
0.2765

■ 53.1975, 0.2084,
0.2701

■ 53.1039, 0.2083,
0.2698

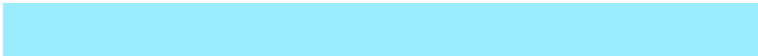
Harmonies

Analogous

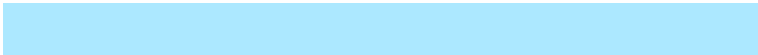
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6584, 0.2687, 0.3381



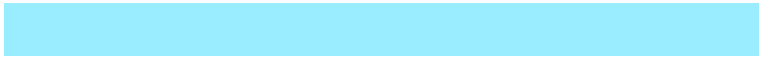
74.6584, 0.2547, 0.3084



74.6584, 0.2553, 0.2865

Triad

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



74.6584, 0.2547, 0.3084



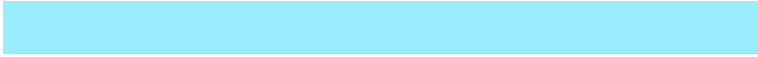
74.6584, 0.3292, 0.2952



74.6584, 0.3551, 0.3837

Complementary

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



74.6584, 0.2547, 0.3084



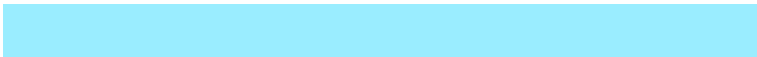
53.0918, 0.4055, 0.3482

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.



74.6584, 0.3732, 0.3686



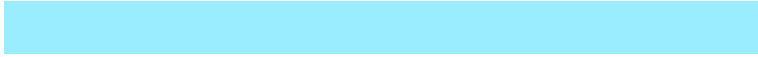
74.6584, 0.2547, 0.3084



74.6584, 0.3581, 0.3181

Square

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



74.6584, 0.2547, 0.3084



74.6584, 0.2970, 0.2804



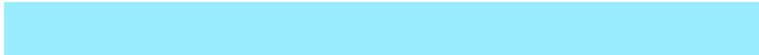
74.6584, 0.3745, 0.3445



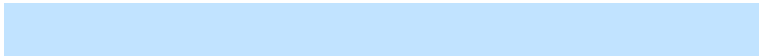
74.6584, 0.3261, 0.3837

Rectangle

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



74.6584, 0.2547, 0.3084



74.6584, 0.2639, 0.2787



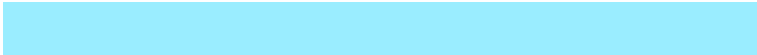
74.6584, 0.3745, 0.3445



74.6584, 0.3627, 0.3801

Sweetspot

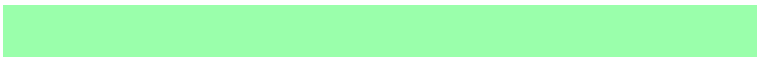
The Sweet Spot groups the original color and five complimentary colors.



74.6613, 0.2547, 0.3084



91.2227, 0.2942, 0.3235



81.3221, 0.2987, 0.4305



19.3337, 0.2922, 0.3228



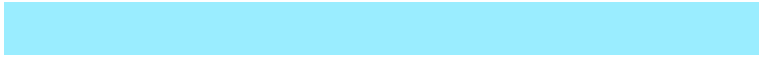
0.0000, 0.0000, 0.0000



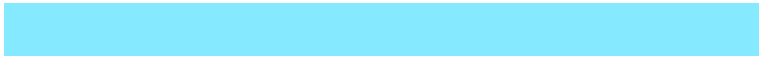
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6613, 0.2547, 0.3084



70.5635, 0.2444, 0.3033



49.9110, 0.2454, 0.2485



19.8985, 0.2980, 0.3247



27.9484, 0.2086, 0.2709



2.8587, 0.2106, 0.2783

Inverse Universe

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



50.4832, 0.3324, 0.2464



43.8202, 0.3377, 0.2301



75.4799, 0.3847, 0.3977



18.2416, 0.3165, 0.3097



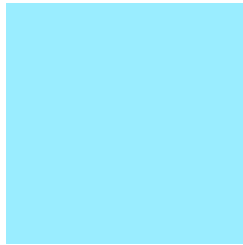
13.5494, 0.3720, 0.1823



1.3331, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 74.6584, 0.2547, 0.3084 looks on a white background.

Color Contrast Check

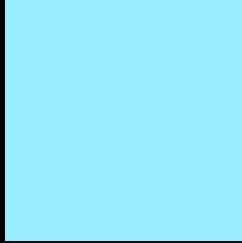
Large Text (above 18pt) WCAG AA × Fail

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 74.6584, 0.2547, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

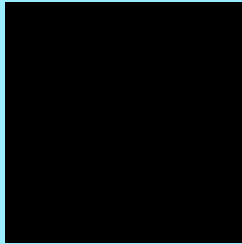
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6584, 0.2547, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 74.6584, 0.2547, 0.3084.

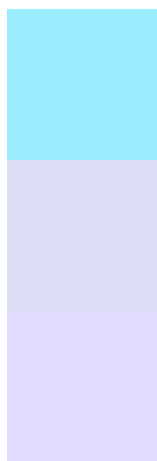


This preview shows how white text looks on a background with the Yxy color 74.6584, 0.2547, 0.3084.

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

74.6584, 0.2547, 0.3084

Protanopia

74.2073, 0.2974, 0.3047

Deuteranopia

73.6937, 0.2952, 0.2908



Tritanopia

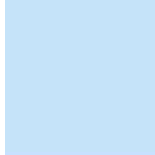
74.3790, 0.2560, 0.3073

Trichromacy



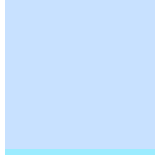
Original Color

74.6584, 0.2547, 0.3084



Protanomaly

73.6480, 0.2799, 0.3049



Deuteranomaly

73.3498, 0.2782, 0.2966



Tritanomaly

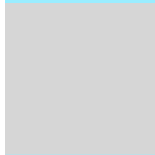
74.2788, 0.2555, 0.3073

Monochromacy



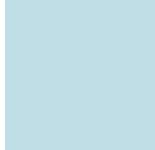
Original Color

74.6584, 0.2547, 0.3084



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.1062, 0.2880, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6584, 0.2547, 0.3084 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 237, 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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 237, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.6584, 0.2547, 0.3084 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, 237, 255) }
```

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

```
.border{ border-color:rgb(154, 237, 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, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 237,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6584, 0.2547, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 237, 255) }
```

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

```
.background{ background-color: rgb(154,  
237, 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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