

Converting Colors

$Yxy(76.4999, 0.2371, 0.2792)$

Have a look what the booklet for
Yxy(76.4999, 0.2371, 0.2792)
contains.

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Color

Yxy(74.7038, 0.2496, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	8EEFFF
RGB	142, 239, 255
RGB Percent	56%, 94%, 100%
CMY	0.4433, 0.0627, 0.0000
CMYK	0.44, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 44%, 100%
XYZ	60.0711, 74.7038, 105.8946
YIQ	211.8210, -62.9480, -15.5880

Conversions

Conversions Part 2

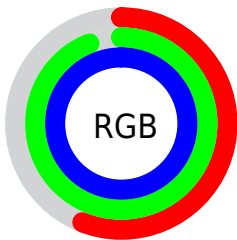
Format	Color
RYB	142, 194, 255
Decimal	9367551
CIELab	89.25, -24.59, -16.68
CIElCh	89, 29.717, 214.147
Yxy	74.7038, 0.2496, 0.3104
Android (android.graphics.Color)	4287557631 (0xFF8EEFFF)
YUV	211.8210, 21.2872, -61.2330
Hunter-Lab	86.4314, -27.1947, -12.1394

Details

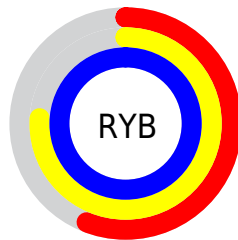
The Yxy color **74.7038, 0.2496, 0.3104** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.6492, 0.4237, 0.3461**, and the grayscale version is **65.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **39.7832, 0.2362, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **70.6098, 0.2386, 0.3056**, and if you desaturate by 10%, it is **79.3562, 0.2622, 0.3151**.

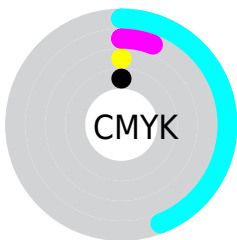
Distribution



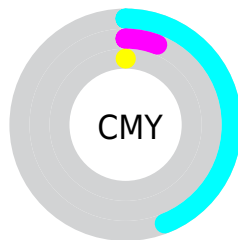
- Red (56%)
- Green (94%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7038, 0.2496, 0.3104 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 74.7038, 0.2496, 0.3104 by changing the saturation by 10% instead.

 74.7038, 0.2496,
0.3104

 74.7038, 0.2496,
0.3104

476.8989, 0.2780,
0.3197

 55.3703, 0.2433,
0.3082

 125.8930, 0.2593,
0.3137

 39.6982, 0.2357,
0.3053

 158.5174, 0.2631,
0.3150

 27.3034, 0.2263,
0.3016


196.3410, 0.2664,
0.3161

 17.8012, 0.2143,
0.2967

239.7480, 0.2693,
0.3170

 10.8073, 0.1985,
0.2897

289.1229, 0.2718,
0.3178

 5.9374, 0.1771,
0.2792

344.8501, 0.2741,

 2.8071, 0.1468,

0.3185

0.2622

407.3140, 0.2761,
0.3191

■ 1.0319, 0.0853,
0.2357

■ 0.0000, 0.0000,
0.0000

■ 74.7038, 0.2496,
0.3104

■ 74.7038, 0.2496,
0.3104

■ 70.6098, 0.2386,
0.3056

■ 79.3562, 0.2622,
0.3151

■ 67.0377, 0.2294,
0.3006

■ 84.5989, 0.2760,
0.3196

■ 63.9472, 0.2220,
0.2955

■ 90.4619, 0.2907,
0.3237

■ 61.2914, 0.2167,
0.2904

■ 96.9731, 0.3060,
0.3275

■ 59.0128, 0.2132,
0.2854

100.0000, 0.3127,
0.3290

■ 57.8423, 0.2118,
0.2826

Harmonies

Analogous

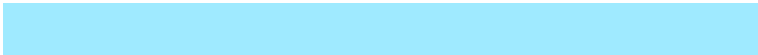
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7038, 0.2672, 0.3443



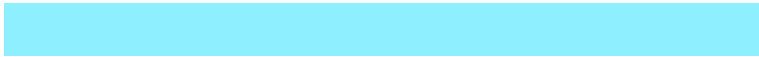
74.7038, 0.2496, 0.3104



74.7038, 0.2478, 0.2844

Triad

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



74.7038, 0.2496, 0.3104



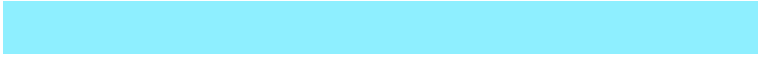
74.7038, 0.3255, 0.2884



74.7038, 0.3639, 0.3884

Complementary

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



74.7038, 0.2496, 0.3104



47.6492, 0.4237, 0.3461

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.



74.7038, 0.3818, 0.3691



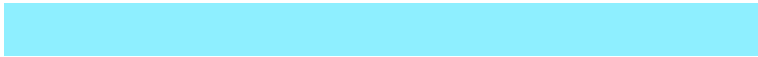
74.7038, 0.2496, 0.3104



74.7038, 0.3591, 0.3125

Square

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



74.7038, 0.2496, 0.3104



74.7038, 0.2899, 0.2737



74.7038, 0.3802, 0.3414



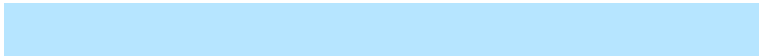
74.7038, 0.3327, 0.3917

Rectangle

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



74.7038, 0.2496, 0.3104



74.7038, 0.2556, 0.2744



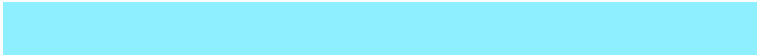
74.7038, 0.3802, 0.3414



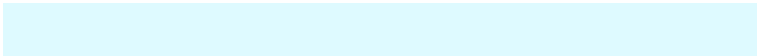
74.7038, 0.3717, 0.3834

Sweetspot

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



74.7040, 0.2496, 0.3104



91.2899, 0.2927, 0.3242



79.7025, 0.2991, 0.4498



19.2470, 0.2893, 0.3233



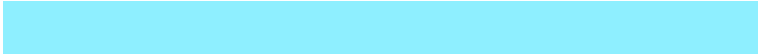
0.0000, 0.0000, 0.0000



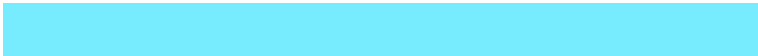
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7040, 0.2496, 0.3104



71.1234, 0.2400, 0.3062



47.0024, 0.2377, 0.2417



20.0174, 0.2980, 0.3255



30.3921, 0.2121, 0.2834



3.0742, 0.2137, 0.2891

Inverse Universe

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



46.8262, 0.3316, 0.2335



40.7060, 0.3362, 0.2170



71.0782, 0.3964, 0.4022



18.2536, 0.3160, 0.3088



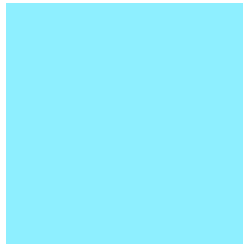
13.7961, 0.3603, 0.1759



1.3549, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 74.7038, 0.2496, 0.3104 looks on a white background.

Color Contrast Check

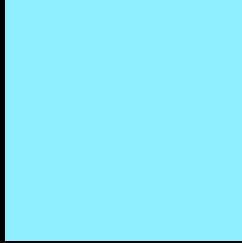
Large Text (above 18pt) WCAG AA × Fail

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 74.7038, 0.2496, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

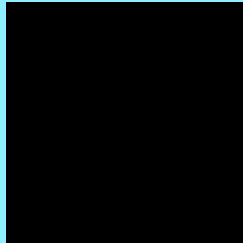
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7038, 0.2496, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 74.7038, 0.2496, 0.3104.

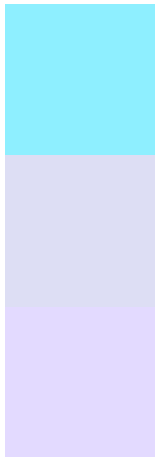


This preview shows how white text looks on a background with the Yxy color 74.7038, 0.2496, 0.3104.

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

74.7038, 0.2496, 0.3104

Protanopia

74.1464, 0.2980, 0.3058

Deuteranopia

73.6937, 0.2952, 0.2908



Tritanopia

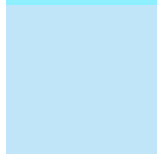
74.4638, 0.2538, 0.3083

Trichromacy



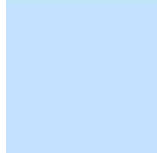
Original Color

74.7038, 0.2496, 0.3104



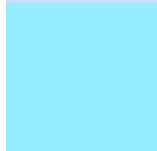
Protanomaly

73.4706, 0.2775, 0.3069



Deuteranomaly

73.3485, 0.2759, 0.2975



Tritanomaly

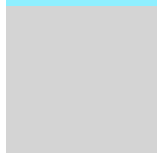
74.6650, 0.2521, 0.3094

Monochromacy



Original Color

74.7038, 0.2496, 0.3104



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.4088, 0.2853, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7038, 0.2496, 0.3104 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(142, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 239, 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(142, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.7038, 0.2496, 0.3104 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(142, 239, 255) }
```

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

```
.border{ border-color:rgb(142, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 239,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7038, 0.2496, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 239, 255) }
```

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

```
.background{ background-color: rgb(142,  
239, 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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