

Converting Colors

$Y_{xy}(74.8070, 0.2567, 0.3205)$

Have a look what the booklet for
Yxy(74.8070, 0.2567, 0.3205)
contains.

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Color

Yxy(74.7764, 0.2569, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	95EFF6
RGB	149, 239, 246
RGB Percent	58%, 94%, 96%
CMY	0.4156, 0.0627, 0.0352
CMYK	0.39, 0.03, 0.00, 0.04
HSL	184°, 84%, 77%
HSV	184°, 39%, 96%
XYZ	59.9004, 74.7764, 98.4894
YIQ	212.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

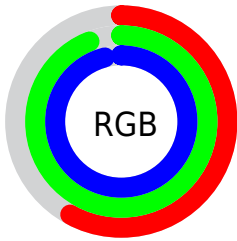
Format	Color
R_{YB}	149, 196, 246
Decimal	9826294
CIE _{Lab}	89.29, -25.15, -11.89
CIE _{LCh}	89, 27.817, 205.307
Yxy	74.7764, 0.2569, 0.3207
Android (android.graphics.Color)	4288016374 (0xFF95EFF6)
YUV	212.8880, 16.3242, -56.0298
Hunter-Lab	86.4733, -27.6808, -6.9974

Details

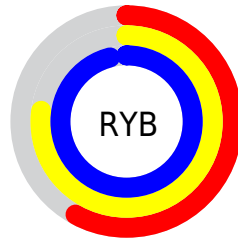
The Yxy color **74.7764, 0.2569, 0.3207** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.5611, 0.4093, 0.3369**, and the grayscale version is **66.3821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **39.8600, 0.2446, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **71.6651, 0.2459, 0.3183**, and if you desaturate by 10%, it is **78.3926, 0.2695, 0.3230**.

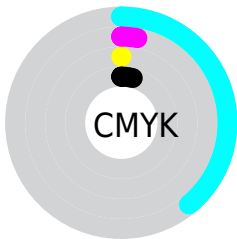
Distribution



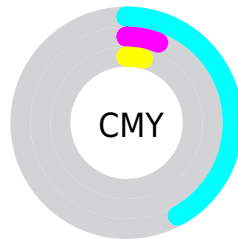
- Red (58%)
- Green (94%)
- Blue (96%)



- Red (58%)
- Yellow (77%)
- Blue (96%)



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7764, 0.2569, 0.3207 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 74.7764, 0.2569, 0.3207 by changing the saturation by 10% instead.

 74.7764, 0.2569,
0.3207

 74.7764, 0.2569,
0.3207


477.1487, 0.2821,
0.3251

 55.4297, 0.2513,
0.3196


 125.9958, 0.2655,
0.3223

 39.7459, 0.2445,
0.3181


 158.6373, 0.2689,
0.3229

 27.3405, 0.2359,
0.3162


196.4792, 0.2718,
0.3234

 17.8291, 0.2250,
0.3135

239.9059, 0.2744,
0.3239

 10.8274, 0.2106,
0.3097

289.3019, 0.2767,
0.3242

 5.9509, 0.1908,
0.3036

345.0513, 0.2787,

 2.8152, 0.1619,

0.3246

0.2930

407.5388, 0.2805,
0.3248

■ 1.0360, 0.0976,
0.2781

■ 0.0000, 0.0000,
0.0000

■ 74.7764, 0.2569,
0.3207

■ 74.7764, 0.2569,
0.3207

■ 71.6651, 0.2459,
0.3183

■ 78.3926, 0.2695,
0.3230

■ 69.0189, 0.2366,
0.3158

■ 82.5333, 0.2833,
0.3252

■ 66.8061, 0.2292,
0.3133

■ 87.2276, 0.2981,
0.3272

■ 64.9872, 0.2239,
0.3108

■ 92.4999, 0.3136,
0.3291

■ 63.5151, 0.2203,
0.3084

■ 94.9991, 0.3184,
0.3308

■ 62.3165, 0.2184,
0.3059

■ 96.1005, 0.3183,
0.3325

■ 62.2519, 0.2183,
0.3058

■ 97.2123, 0.3181,
0.3342

■ 98.3346, 0.3180,
0.3359

■ 99.4358, 0.3179,
0.3376

Harmonies

Analogous

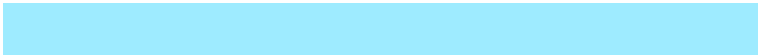
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7764, 0.2775, 0.3527



74.7764, 0.2569, 0.3207



74.7764, 0.2506, 0.2934

Triad

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



74.7764, 0.2569, 0.3207



74.7764, 0.3146, 0.2856



74.7764, 0.3673, 0.3806

Complementary

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



74.7764, 0.2569, 0.3207



45.5611, 0.4093, 0.3369

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.



74.7764, 0.3789, 0.3597



74.7764, 0.2569, 0.3207



74.7764, 0.3477, 0.3062

Square

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



74.7764, 0.2569, 0.3207



74.7764, 0.2826, 0.2752



74.7764, 0.3717, 0.3327



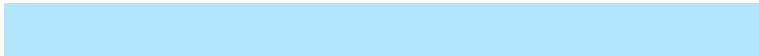
74.7764, 0.3410, 0.3885

Rectangle

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



74.7764, 0.2569, 0.3207



74.7764, 0.2551, 0.2813



74.7764, 0.3717, 0.3327



74.7764, 0.3731, 0.3748

Sweetspot

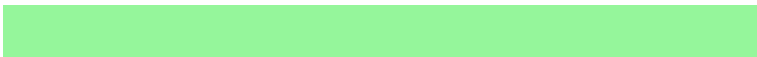
The Sweet Spot groups the original color and five complimentary colors.



74.7793, 0.2569, 0.3207



93.2443, 0.2942, 0.3267



74.7045, 0.3037, 0.4421



19.8125, 0.2923, 0.3265



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.



74.7793, 0.2569, 0.3207



78.4853, 0.2483, 0.3189



50.3320, 0.2478, 0.2616



18.5401, 0.2981, 0.3272



33.3073, 0.2184, 0.3062



2.9878, 0.2192, 0.3093

Inverse Universe

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



47.3296, 0.3232, 0.2377



45.3029, 0.3256, 0.2214



64.9501, 0.3882, 0.3877



16.7463, 0.3149, 0.3073



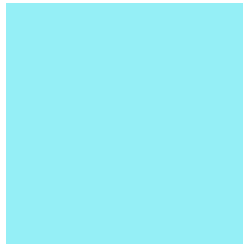
13.4618, 0.3400, 0.1647



1.1893, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 74.7764, 0.2569, 0.3207 looks on a white background.

Color Contrast Check

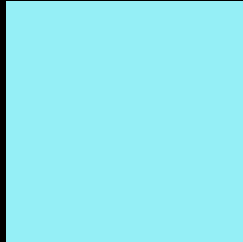
Large Text (above 18pt) WCAG AA × Fail

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 74.7764, 0.2569, 0.3207 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 74.7764, 0.2569, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 74.7764, 0.2569, 0.3207.

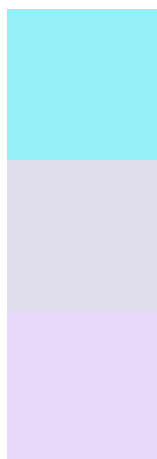


This preview shows how white text looks on a background with the Yxy color 74.7764, 0.2569, 0.3207.

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

74.7764, 0.2569, 0.3207

Protanopia

74.1460, 0.3051, 0.3141

Deuteranopia

73.7465, 0.3011, 0.2941



Tritanopia

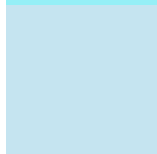
74.8563, 0.2557, 0.3084

Trichromacy



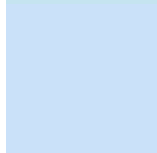
Original Color

74.7764, 0.2569, 0.3207



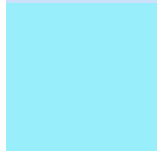
Protanomaly

73.6484, 0.2850, 0.3157



Deuteranomaly

73.2465, 0.2828, 0.3029



Tritanomaly

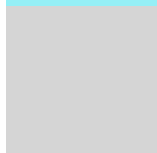
74.9497, 0.2558, 0.3129

Monochromacy



Original Color

74.7764, 0.2569, 0.3207



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.6259, 0.2891, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7764, 0.2569, 0.3207 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(149, 239, 246)` looks like.

```
.text, #text, p{  
    color:rgb(149, 239, 246)  
}
```

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(149, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 239, 246) }
```

Border

The CSS property to change the border of an element to Yxy 74.7764, 0.2569, 0.3207 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(149, 239, 246) }
```

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

```
.border{ border-color:rgb(149, 239, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 239, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(149, 239,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7764, 0.2569, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 239, 246) }
```

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

```
.background{ background-color: rgb(149,  
239, 246) }
```

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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