

Converting Colors

$Yxy(75.9383, 0.2560, 0.3192)$

Have a look what the booklet for
Yxy(75.9383, 0.2560, 0.3192)
contains.

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Color

Yxy(76.1397, 0.2559, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	95F1F9
RGB	149, 241, 249
RGB Percent	58%, 95%, 98%
CMY	0.4156, 0.0549, 0.0237
CMYK	0.40, 0.03, 0.00, 0.02
HSL	185°, 89%, 78%
HSV	185°, 40%, 98%
XYZ	60.9451, 76.1397, 101.0750
YIQ	214.4040, -57.4000, -17.0160

Conversions

Conversions Part 2

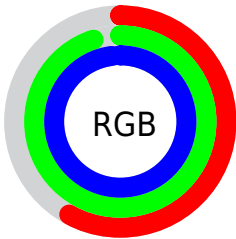
Format	Color
R_{YB}	149, 197, 249
Decimal	9826809
CIE _{Lab}	89.92, -25.41, -12.47
CIE _{LCh}	90, 28.307, 206.143
Yxy	76.1397, 0.2559, 0.3197
Android (android.graphics.Color)	4288016889 (0xFF95F1F9)
YUV	214.4040, 17.0558, -57.3593
Hunter-Lab	87.2581, -28.0289, -7.5977

Details

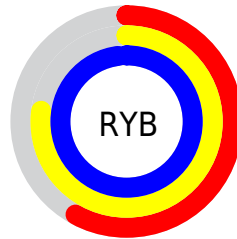
The Yxy color **76.1397, 0.2559, 0.3197** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.4072, 0.4116, 0.3379**, and the grayscale version is **67.4456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **40.7723, 0.2431, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **72.8787, 0.2449, 0.3170**, and if you desaturate by 10%, it is **79.9199, 0.2684, 0.3223**.

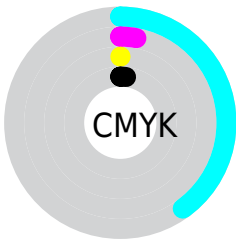
Distribution



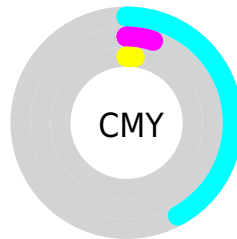
- Red (58%)
- Green (95%)
- Blue (98%)



- Red (58%)
- Yellow (77%)
- Blue (98%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)





- Cyan (42%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1397, 0.2559, 0.3197 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 76.1397, 0.2559, 0.3197 by changing the saturation by 10% instead.

 76.1397, 0.2559,
0.3197

 76.1397, 0.2559,
0.3197


481.8258, 0.2815,
0.3246

 56.5471, 0.2502,
0.3185


 127.9244, 0.2646,
0.3215

 40.6417, 0.2434,
0.3169


 160.8852, 0.2681,
0.3221

 28.0392, 0.2348,
0.3148


199.0708, 0.2710,
0.3227

 18.3552, 0.2239,
0.3120

242.8658, 0.2736,
0.3232

 11.2053, 0.2094,
0.3078

292.6543, 0.2759,
0.3236

 6.2051, 0.1897,
0.3014

348.8209, 0.2780,

 2.9702, 0.1612,

0.3240

0.2904

411.7499, 0.2798,
0.3243

■ 1.1162, 0.1038,
0.2734

■ 0.0000, 0.0000,
0.0000

■ 76.1397, 0.2559,
0.3197

■ 76.1397, 0.2559,
0.3197

■ 72.8787, 0.2449,
0.3170

■ 79.9199, 0.2684,
0.3223

■ 70.0957, 0.2357,
0.3143

■ 84.2398, 0.2823,
0.3247

■ 67.7578, 0.2284,
0.3116

■ 89.1293, 0.2970,
0.3269

■ 65.8238, 0.2230,
0.3088

■ 94.6139, 0.3125,
0.3290

■ 64.2446, 0.2196,
0.3061

■ 97.0389, 0.3164,
0.3309

■ 62.9560, 0.2176,
0.3034

■ 98.2830, 0.3163,
0.3328

■ 99.5402, 0.3162,
0.3347

■ 99.6172, 0.3162,
0.3348

Harmonies

Analogous

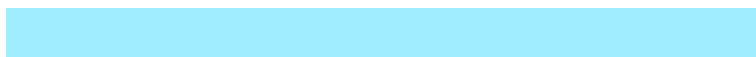
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1397, 0.2763, 0.3521



76.1397, 0.2559, 0.3197



76.1397, 0.2500, 0.2923

Triad

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



76.1397, 0.2559, 0.3197



76.1397, 0.3156, 0.2856



76.1397, 0.3673, 0.3817

Complementary

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



76.1397, 0.2559, 0.3197



46.4072, 0.4116, 0.3379

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.



76.1397, 0.3796, 0.3607



76.1397, 0.2559, 0.3197



76.1397, 0.3489, 0.3066

Square

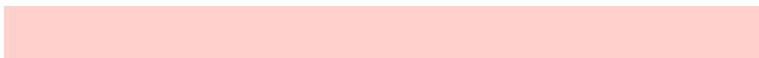
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1397, 0.2559, 0.3197



76.1397, 0.2831, 0.2747



76.1397, 0.3729, 0.3335



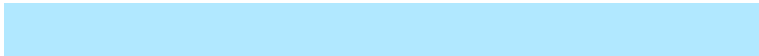
76.1397, 0.3404, 0.3892

Rectangle

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



76.1397, 0.2559, 0.3197



76.1397, 0.2548, 0.2804



76.1397, 0.3729, 0.3335



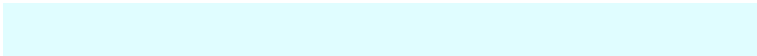
76.1397, 0.3733, 0.3758

Sweetspot

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



76.1427, 0.2559, 0.3197



93.1070, 0.2942, 0.3265



76.5086, 0.3036, 0.4446



19.7799, 0.2923, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

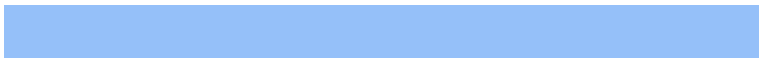
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1427, 0.2559, 0.3197



77.6343, 0.2471, 0.3176



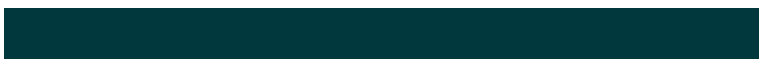
51.0704, 0.2465, 0.2601



19.3582, 0.2980, 0.3270



33.8094, 0.2178, 0.3039



3.1994, 0.2186, 0.3071

Inverse Universe

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



47.9836, 0.3241, 0.2367



44.5340, 0.3267, 0.2201



66.2784, 0.3899, 0.3888



17.4993, 0.3150, 0.3075



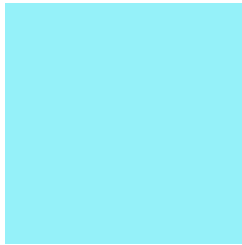
13.8240, 0.3420, 0.1658



1.2872, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 76.1397, 0.2559, 0.3197 looks on a white background.

Color Contrast Check

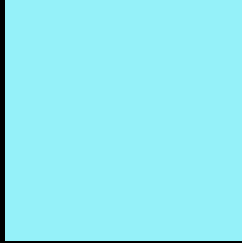
Large Text (above 18pt) WCAG AA × Fail

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 76.1397, 0.2559, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

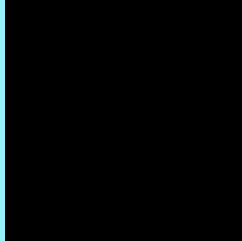
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

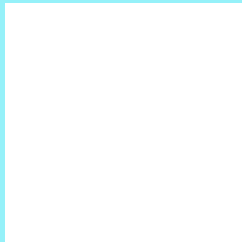
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1397, 0.2559, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 76.1397, 0.2559, 0.3197.

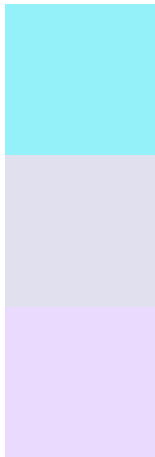


This preview shows how white text looks on a background with the Yxy color 76.1397, 0.2559, 0.3197.

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

76.1397, 0.2559, 0.3197

Protanopia

75.4919, 0.3044, 0.3142

Deuteranopia

75.3112, 0.3006, 0.2934



Tritanopia

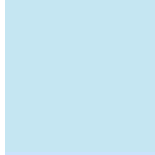
76.1556, 0.2592, 0.3098

Trichromacy



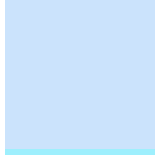
Original Color

76.1397, 0.2559, 0.3197



Protanomaly

74.8748, 0.2840, 0.3158



Deuteranomaly

74.6630, 0.2819, 0.3021



Tritanomaly

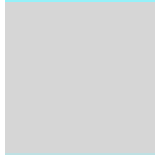
76.0940, 0.2579, 0.3130

Monochromacy



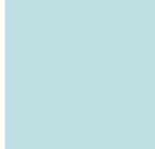
Original Color

76.1397, 0.2559, 0.3197



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.8045, 0.2880, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1397, 0.2559, 0.3197 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, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(149, 241, 249)  
}
```

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, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 241, 249) }
```

Border

The CSS property to change the border of an element to Yxy 76.1397, 0.2559, 0.3197 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, 241, 249) }
```

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

```
.border{ border-color:rgb(149, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(149, 241,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1397, 0.2559, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 241, 249) }
```

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

```
.background{ background-color: rgb(149,  
241, 249) }
```

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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