

Converting Colors

$Yxy(76.0242, 0.2508, 0.3128)$

Have a look what the booklet for
Yxy(76.0242, 0.2508, 0.3128)
contains.

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Color

Yxy(76.0599, 0.2509, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	90F1FF
RGB	144, 241, 255
RGB Percent	56%, 95%, 100%
CMY	0.4353, 0.0549, 0.0000
CMYK	0.44, 0.05, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 44%, 100%
XYZ	61.0084, 76.0599, 106.0899
YIQ	213.5930, -62.3060, -16.2100

Conversions

Conversions Part 2

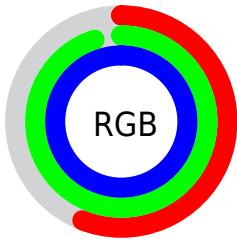
Format	Color
RYB	144, 196, 255
Decimal	9499135
CIELab	89.89, -25.10, -15.71
CIELCh	90, 29.614, 212.041
Yxy	76.0599, 0.2509, 0.3128
Android (android.graphics.Color)	4287689215 (0xFF90F1FF)
YUV	213.5930, 20.4137, -61.0331
Hunter-Lab	87.2123, -27.7539, -11.0750

Details

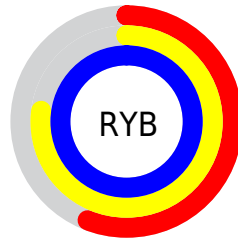
The Yxy color **76.0599, 0.2509, 0.3128** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.7251, 0.4217, 0.3440**, and the grayscale version is **66.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **40.7064, 0.2377, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **72.1320, 0.2399, 0.3085**, and if you desaturate by 10%, it is **80.5431, 0.2634, 0.3170**.

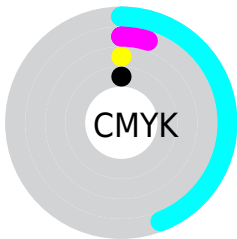
Distribution



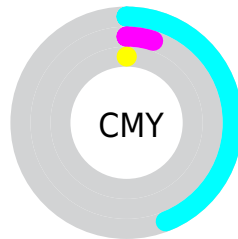
- Red (56%)
- Green (95%)
- Blue (100%)



- Red (56%)
- Yellow (77%)
- Blue (100%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0599, 0.2509, 0.3128 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 76.0599, 0.2509, 0.3128 by changing the saturation by 10% instead.

 76.0599, 0.2509,
0.3128


 76.0599, 0.2509,
0.3128

481.5527, 0.2786,
0.3209

 56.4816, 0.2448,
0.3108

 127.8116, 0.2603,
0.3157

 40.5892, 0.2374,
0.3083


 160.7538, 0.2641,
0.3168

 27.9982, 0.2282,
0.3051


198.9194, 0.2673,
0.3178

 18.3243, 0.2165,
0.3007

242.6928, 0.2701,
0.3186

 11.1831, 0.2012,
0.2944

292.4585, 0.2726,
0.3193

 6.1901, 0.1804,
0.2851

348.6008, 0.2748,

 2.9610, 0.1508,

0.3199

0.2699

411.5040, 0.2768,
0.3204

■ 1.1114, 0.0944,
0.2454

■ 0.0000, 0.0000,
0.0000

■ 76.0599, 0.2509,
0.3128

■ 76.0599, 0.2509,
0.3128

■ 72.1320, 0.2399,
0.3085

■ 80.5431, 0.2634,
0.3170

■ 68.7191, 0.2308,
0.3041

■ 85.6089, 0.2772,
0.3209

■ 65.7828, 0.2235,
0.2996

■ 91.2888, 0.2919,
0.3245

■ 63.2769, 0.2182,
0.2951

■ 97.6101, 0.3072,
0.3279

■ 61.1451, 0.2148,
0.2907

100.0000, 0.3127,
0.3290

■ 59.9131, 0.2133,
0.2878

Harmonies

Analogous

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



76.0599, 0.2694, 0.3466



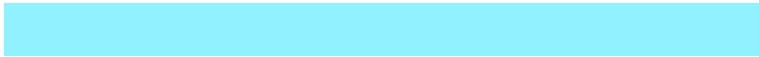
76.0599, 0.2509, 0.3128



76.0599, 0.2480, 0.2863

Triad

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



76.0599, 0.2509, 0.3128



76.0599, 0.3228, 0.2874



76.0599, 0.3652, 0.3869

Complementary

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



76.0599, 0.2509, 0.3128



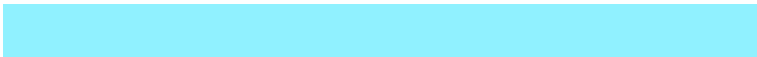
47.7251, 0.4217, 0.3440

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.



76.0599, 0.3817, 0.3670



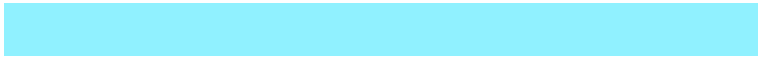
76.0599, 0.2509, 0.3128



76.0599, 0.3567, 0.3108

Square

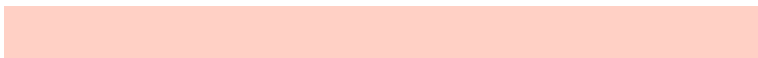
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0599, 0.2509, 0.3128



76.0599, 0.2879, 0.2736



76.0599, 0.3787, 0.3393



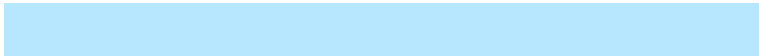
76.0599, 0.3350, 0.3915

Rectangle

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



76.0599, 0.2509, 0.3128



76.0599, 0.2550, 0.2757



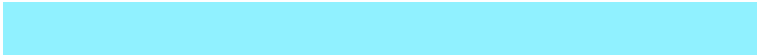
76.0599, 0.3787, 0.3393



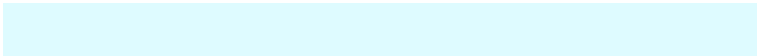
76.0599, 0.3726, 0.3817

Sweetspot

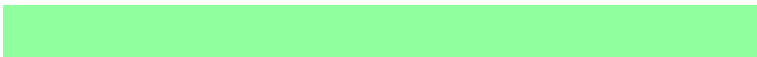
The Sweet Spot groups the original color and five complimentary colors.



76.0615, 0.2509, 0.3128



91.6079, 0.2927, 0.3247



79.8815, 0.3002, 0.4495



19.3263, 0.2894, 0.3239



0.0000, 0.0000, 0.0000



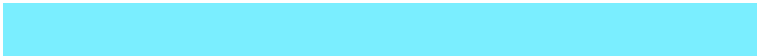
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0615, 0.2509, 0.3128



72.6990, 0.2415, 0.3092



48.4982, 0.2395, 0.2459



20.0675, 0.2980, 0.3259



31.4593, 0.2135, 0.2886



3.1678, 0.2149, 0.2936

Inverse Universe

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



47.5566, 0.3297, 0.2337



41.4670, 0.3337, 0.2172



70.5852, 0.3954, 0.3992



18.2586, 0.3157, 0.3085



13.9038, 0.3556, 0.1733



1.3643, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 76.0599, 0.2509, 0.3128 looks on a white background.

Color Contrast Check

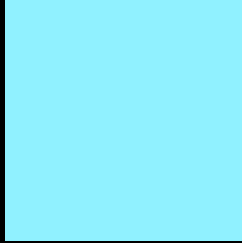
Large Text (above 18pt) WCAG AA × Fail

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 76.0599, 0.2509, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

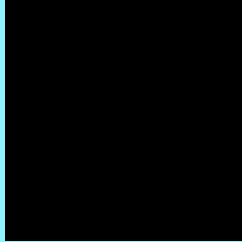
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0599, 0.2509, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 76.0599, 0.2509, 0.3128.

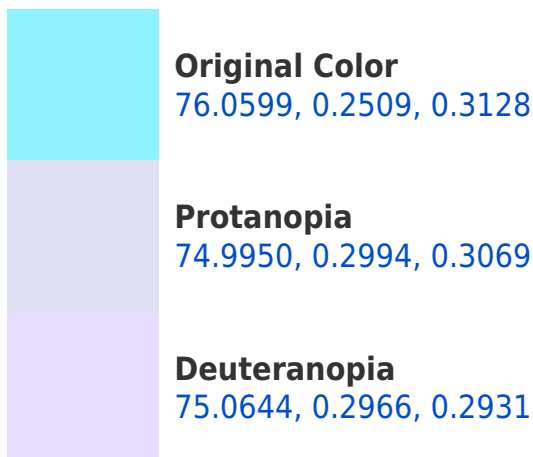


This preview shows how white text looks on a background with the Yxy color 76.0599, 0.2509, 0.3128.

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

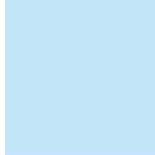
75.8427, 0.2578, 0.3097

Trichromacy



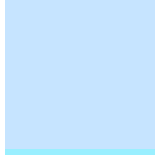
Original Color

76.0599, 0.2509, 0.3128



Protanomaly

74.8403, 0.2788, 0.3092



Deuteranomaly

74.7126, 0.2772, 0.2998



Tritanomaly

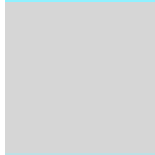
75.8230, 0.2551, 0.3107

Monochromacy



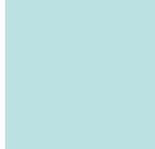
Original Color

76.0599, 0.2509, 0.3128



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.7873, 0.2862, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0599, 0.2509, 0.3128 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(144, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 241, 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(144, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.0599, 0.2509, 0.3128 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(144, 241, 255) }
```

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

```
.border{ border-color:rgb(144, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(144, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0599, 0.2509, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 241, 255) }
```

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

```
.background{ background-color: rgb(144,  
241, 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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