

Converting Colors

$Yxy(76.2921, 0.2529, 0.3152)$

Have a look what the booklet for
Yxy(76.2921, 0.2529, 0.3152)
contains.

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Color

Yxy(76.2055, 0.2531, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	93F1FD
RGB	147, 241, 253
RGB Percent	58%, 95%, 99%
CMY	0.4238, 0.0549, 0.0078
CMYK	0.42, 0.05, 0.00, 0.01
HSL	187°, 96%, 78%
HSV	187°, 42%, 99%
XYZ	61.2111, 76.2055, 104.4289
YIQ	214.2620, -59.8760, -16.1960

Conversions

Conversions Part 2

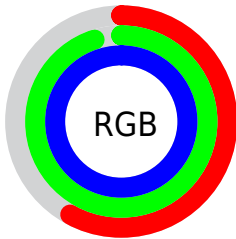
Format	Color
RYB	147, 197, 253
Decimal	9695741
CIELab	89.95, -24.92, -14.55
CIELCh	90, 28.856, 210.290
Yxy	76.2055, 0.2531, 0.3151
Android (android.graphics.Color)	4287885821 (0xFF93F1FD)
YUV	214.2620, 19.0978, -58.9888
Hunter-Lab	87.2958, -27.6048, -9.8195

Details

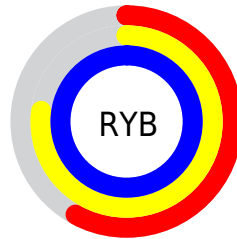
The Yxy color **76.2055, 0.2531, 0.3151** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.7691, 0.4165, 0.3420**, and the grayscale version is **67.3227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **40.8073, 0.2405, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **72.4396, 0.2420, 0.3113**, and if you desaturate by 10%, it is **80.5183, 0.2657, 0.3188**.

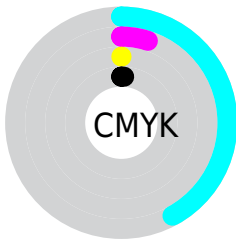
Distribution



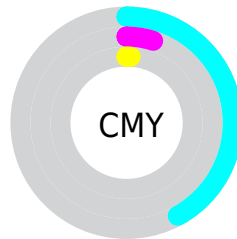
- Red (58%)
- Green (95%)
- Blue (99%)



- Red (58%)
- Yellow (77%)
- Blue (99%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)





- Cyan (42%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2055, 0.2531, 0.3151 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 76.2055, 0.2531, 0.3151 by changing the saturation by 10% instead.

 76.2055, 0.2531,
0.3151


 76.2055, 0.2531,
0.3151

482.0509, 0.2799,
0.3221

 56.6010, 0.2472,
0.3134

 128.0174, 0.2622,
0.3176

 40.6850, 0.2400,
0.3112


 160.9935, 0.2658,
0.3186

 28.0730, 0.2311,
0.3083


199.1957, 0.2689,
0.3194

 18.3807, 0.2198,
0.3045

243.0083, 0.2717,
0.3201

 11.2237, 0.2049,
0.2990

292.8158, 0.2741,
0.3207

 6.2175, 0.1846,
0.2906

349.0024, 0.2762,

 2.9778, 0.1555,

0.3212

0.2769

411.9526, 0.2781,
0.3217

■ 1.1201, 0.0999,
0.2547

■ 0.0000, 0.0000,
0.0000

■ 76.2055, 0.2531,
0.3151

■ 76.2055, 0.2531,
0.3151

■ 72.4396, 0.2420,
0.3113

■ 80.5183, 0.2657,
0.3188

■ 69.1774, 0.2327,
0.3073

■ 85.4002, 0.2795,
0.3223

■ 66.3836, 0.2253,
0.3033

■ 90.8828, 0.2943,
0.3255

■ 64.0140, 0.2199,
0.2993

■ 96.9928, 0.3097,
0.3285

■ 62.0155, 0.2163,
0.2954

99.8733, 0.3139,
0.3309

■ 60.6081, 0.2145,
0.2922

Harmonies

Analogous

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



76.2055, 0.2720, 0.3481



76.2055, 0.2531, 0.3151



76.2055, 0.2493, 0.2886

Triad

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



76.2055, 0.2531, 0.3151



76.2055, 0.3205, 0.2873



76.2055, 0.3653, 0.3847

Complementary

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



76.2055, 0.2531, 0.3151



47.7691, 0.4165, 0.3420

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.



76.2055, 0.3802, 0.3647



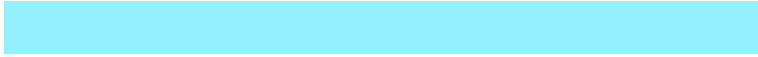
76.2055, 0.2531, 0.3151



76.2055, 0.3538, 0.3097

Square

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



76.2055, 0.2531, 0.3151



76.2055, 0.2867, 0.2746



76.2055, 0.3761, 0.3374



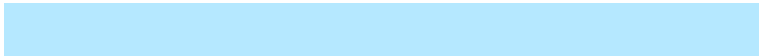
76.2055, 0.3364, 0.3901

Rectangle

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



76.2055, 0.2531, 0.3151



76.2055, 0.2556, 0.2777



76.2055, 0.3761, 0.3374



76.2055, 0.3722, 0.3793

Sweetspot

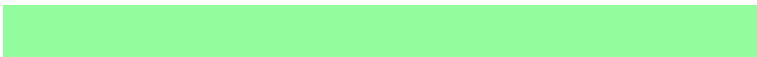
The Sweet Spot groups the original color and five complimentary colors.



76.2085, 0.2531, 0.3151



91.8748, 0.2927, 0.3252



78.9148, 0.3014, 0.4464



19.3929, 0.2894, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

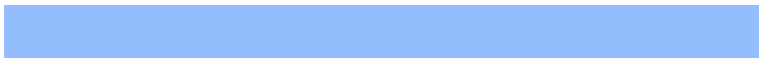
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2085, 0.2531, 0.3151



74.4244, 0.2440, 0.3120



49.8453, 0.2427, 0.2519



20.1095, 0.2980, 0.3262



32.3719, 0.2147, 0.2929



3.2476, 0.2159, 0.2973

Inverse Universe

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



48.0861, 0.3277, 0.2358



42.8932, 0.3312, 0.2196



69.3755, 0.3926, 0.3949



18.2629, 0.3155, 0.3082



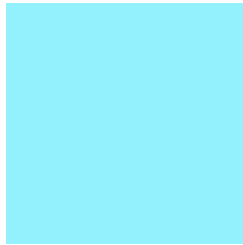
13.9959, 0.3518, 0.1711



1.3724, 0.3478, 0.1689

Previews

White Background



This preview shows how the Yxy color 76.2055, 0.2531, 0.3151 looks on a white background.

Color Contrast Check

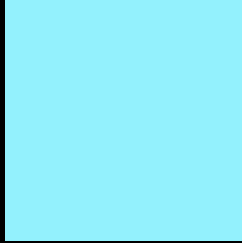
Large Text (above 18pt) WCAG AA × Fail

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 76.2055, 0.2531, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

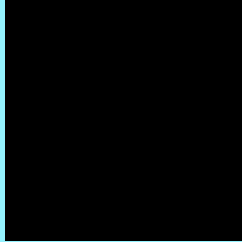
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2055, 0.2531, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 76.2055, 0.2531, 0.3151.

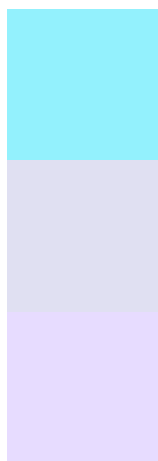


This preview shows how white text looks on a background with the Yxy color 76.2055, 0.2531, 0.3151.

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

76.2055, 0.2531, 0.3151

Protanopia

75.5694, 0.3013, 0.3101

Deuteranopia

75.3953, 0.2979, 0.2932



Tritanopia

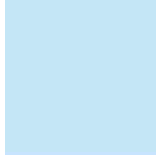
76.0505, 0.2587, 0.3098

Trichromacy



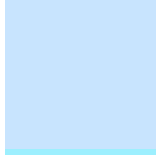
Original Color

76.2055, 0.2531, 0.3151



Protanomaly

74.9832, 0.2812, 0.3114



Deuteranomaly

74.9219, 0.2790, 0.3010



Tritanomaly

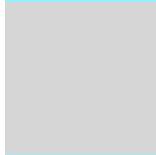
76.0569, 0.2570, 0.3119

Monochromacy



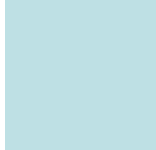
Original Color

76.2055, 0.2531, 0.3151



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.8599, 0.2874, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2055, 0.2531, 0.3151 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(147, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(147, 241, 253)  
}
```

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(147, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 241, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.2055, 0.2531, 0.3151 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(147, 241, 253) }
```

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

```
.border{ border-color:rgb(147, 241, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(147, 241,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2055, 0.2531, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 241, 253) }
```

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

```
.background{ background-color: rgb(147,  
241, 253) }
```

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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