

Converting Colors

$Yxy(76.3034, 0.2523, 0.3143)$

Have a look what the booklet for
Yxy(76.3034, 0.2523, 0.3143)
contains.

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Color

Yxy(76.1773, 0.2522, 0.3140)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 92F1FE |
| RGB | 146, 241, 254 |
| RGB Percent | 57%, 95%, 100% |
| CMY | 0.4278, 0.0548, 0.0039 |
| CMYK | 0.43, 0.05, 0.00, 0.00 |
| HSL | 187°, 98%, 78% |
| HSV | 187°, 43%, 100% |
| XYZ | 61.1844, 76.1773, 105.2411 |
| YIQ | 214.0770, -60.7930, -16.0970 |

Conversions

Conversions Part 2

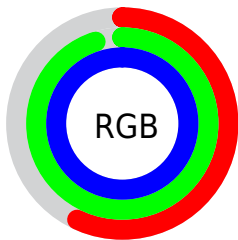
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 146, 197, 254 |
| Decimal | 9630206 |
| CIE _{Lab} | 89.94, -24.92, -15.09 |
| CIE _{LCh} | 90, 29.133, 211.188 |
| Yxy | 76.1773, 0.2522, 0.3140 |
| Android (android.graphics.Color) | 4287820286 (0xFF92F1FE) |
| YUV | 214.0770, 19.6820, -59.7035 |
| Hunter-Lab | 87.2796, -27.6079, -10.3957 |

Details

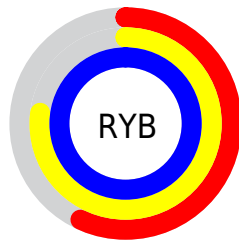
The Yxy color **76.1773, 0.2522, 0.3140** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8966, 0.4184, 0.3430**, and the grayscale version is **67.1821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **40.7554, 0.2391, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **72.3170, 0.2411, 0.3099**, and if you desaturate by 10%, it is **80.5906, 0.2648, 0.3179**.

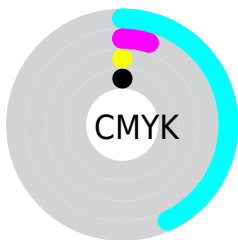
Distribution



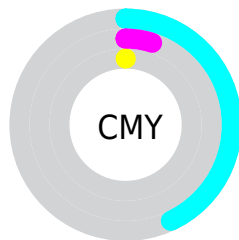
- Red (57%)
- Green (95%)
- Blue (100%)



- Red (57%)
- Yellow (77%)
- Blue (100%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (43%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1773, 0.2522, 0.3140 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 76.1773, 0.2522, 0.3140 by changing the saturation by 10% instead.

 76.1773, 0.2522,
0.3140

 76.1773, 0.2522,
0.3140


481.9544, 0.2793,
0.3215

 56.5779, 0.2462,
0.3122


 127.9775, 0.2614,
0.3167

 40.6665, 0.2389,
0.3098


 160.9471, 0.2651,
0.3177

 28.0585, 0.2299,
0.3068


199.1422, 0.2682,
0.3186

 18.3698, 0.2184,
0.3027

242.9472, 0.2710,
0.3194

 11.2158, 0.2034,
0.2968

292.7466, 0.2735,
0.3200

 6.2122, 0.1829,
0.2880

348.9246, 0.2756,

 2.9745, 0.1536,

0.3206

0.2736

411.8658, 0.2776,
0.3211

■ 1.1184, 0.0979,
0.2503

■ 0.0000, 0.0000,
0.0000

■ 76.1773, 0.2522,
0.3140

■ 76.1773, 0.2522,
0.3140

■ 72.3170, 0.2411,
0.3099

■ 80.5906, 0.2648,
0.3179

■ 68.9661, 0.2319,
0.3057

■ 85.5797, 0.2786,
0.3216

■ 66.0884, 0.2245,
0.3015

■ 91.1766, 0.2934,
0.3251

■ 63.6390, 0.2191,
0.2972

■ 97.4084, 0.3087,
0.3282

■ 61.5634, 0.2156,
0.2930

99.9356, 0.3133,
0.3300

■ 60.2016, 0.2139,
0.2899

Harmonies

Analogous

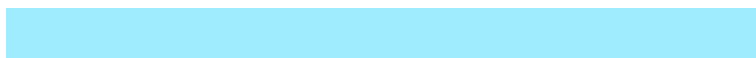
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1773, 0.2709, 0.3473



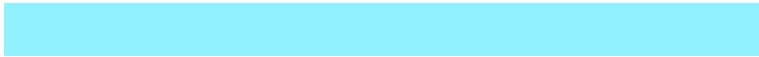
76.1773, 0.2522, 0.3140



76.1773, 0.2489, 0.2876

Triad

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



76.1773, 0.2522, 0.3140



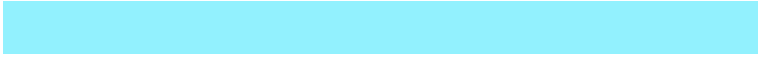
76.1773, 0.3217, 0.2875



76.1773, 0.3651, 0.3856

Complementary

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



76.1773, 0.2522, 0.3140



47.8966, 0.4184, 0.3430

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.



76.1773, 0.3807, 0.3658



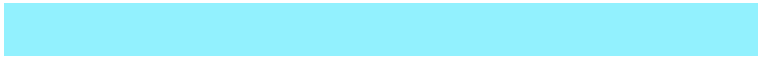
76.1773, 0.2522, 0.3140



76.1773, 0.3551, 0.3103

Square

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



76.1773, 0.2522, 0.3140



76.1773, 0.2874, 0.2743



76.1773, 0.3772, 0.3384



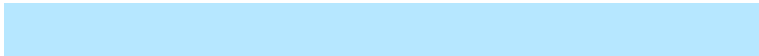
76.1773, 0.3356, 0.3905

Rectangle

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



76.1773, 0.2522, 0.3140



76.1773, 0.2555, 0.2769



76.1773, 0.3772, 0.3384



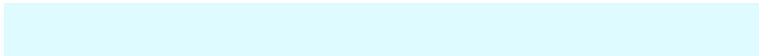
76.1773, 0.3722, 0.3803

Sweetspot

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



76.1803, 0.2522, 0.3140



91.7331, 0.2927, 0.3249



79.4700, 0.3004, 0.4463



19.3575, 0.2894, 0.3242



0.0000, 0.0000, 0.0000



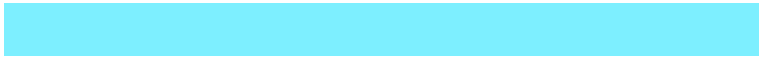
21.4041, 0.3127, 0.3290

Same Dimension

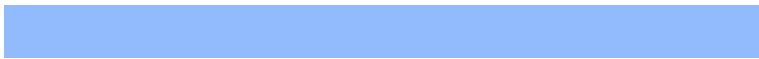
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1803, 0.2522, 0.3140



73.5366, 0.2427, 0.3106



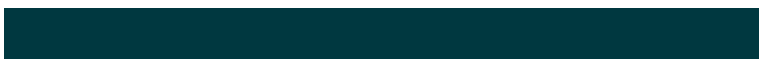
48.9416, 0.2412, 0.2482



20.0872, 0.2980, 0.3261



31.8855, 0.2141, 0.2906



3.2051, 0.2154, 0.2954

Inverse Universe

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



47.9496, 0.3286, 0.2351



42.1695, 0.3325, 0.2184



70.5101, 0.3932, 0.3976



18.2606, 0.3156, 0.3083



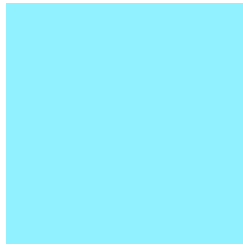
13.9468, 0.3538, 0.1723



1.3681, 0.3495, 0.1699

Previews

White Background



This preview shows how the Yxy color 76.1773, 0.2522, 0.3140 looks on a white background.

Color Contrast Check

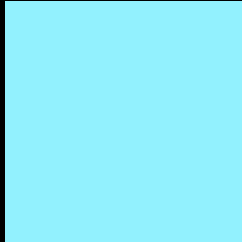
Large Text (above 18pt) WCAG AA × Fail

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 76.1773, 0.2522, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

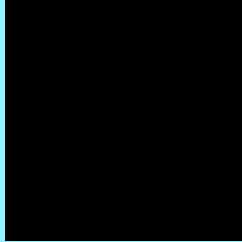
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1773, 0.2522, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 76.1773, 0.2522, 0.3140.

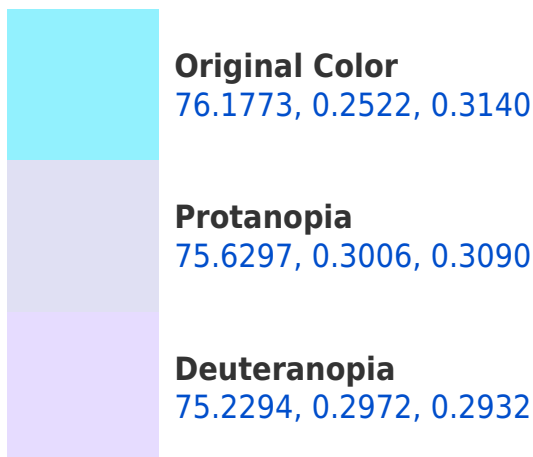


This preview shows how white text looks on a background with the Yxy color 76.1773, 0.2522, 0.3140.

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

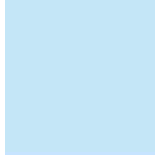
75.9461, 0.2583, 0.3097

Trichromacy



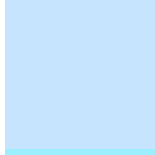
Original Color

76.1773, 0.2522, 0.3140



Protanomaly

75.0448, 0.2806, 0.3104



Deuteranomaly

74.8489, 0.2778, 0.2999



Tritanomaly

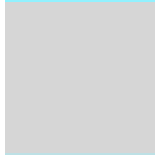
76.0209, 0.2560, 0.3108

Monochromacy



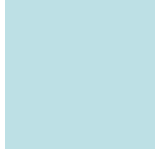
Original Color

76.1773, 0.2522, 0.3140



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 76.1773, 0.2522, 0.3140 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(146, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(146, 241, 254)  
}
```

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(146, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 241, 254) }
```

Border

The CSS property to change the border of an element to Yxy 76.1773, 0.2522, 0.3140 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(146, 241, 254) }
```

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

```
.border{ border-color:rgb(146, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(146, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(146, 241,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1773, 0.2522, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 241, 254) }
```

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

```
.background{ background-color: rgb(146,  
241, 254) }
```

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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