

Converting Colors

$Yxy(81.1730, 0.2225, 0.2845)$

Have a look what the booklet for
Yxy(81.1730, 0.2225, 0.2845)
contains.

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Color

Yxy(78.4897, 0.2352, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	5CFBFF
RGB	92, 251, 255
RGB Percent	36%, 98%, 100%
CMY	0.6390, 0.0157, 0.0001
CMYK	0.64, 0.02, 0.00, 0.00
HSL	181°, 100%, 68%
HSV	181°, 64%, 100%
XYZ	56.9601, 78.4897, 106.7276
YIQ	203.9150, -96.0480, -32.4640

Conversions

Conversions Part 2

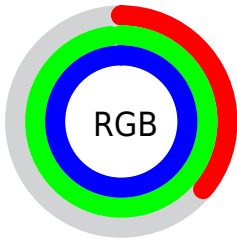
Format	Color
RYB	92, 172, 255
Decimal	6093823
CIELab	91.00, -39.67, -14.18
CIELCh	91, 42.130, 199.674
Yxy	78.4897, 0.2352, 0.3241
Android (android.graphics.Color)	4284283903 (0xFF5CFBFF)
YUV	203.9150, 25.1849, -98.1495
Hunter-Lab	88.5944, -40.2770, -9.4092

Details

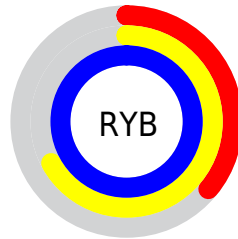
The Yxy color **78.4897, 0.2352, 0.3241** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **30.3976, 0.5188, 0.3331**, and the grayscale version is **60.2205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **42.6608, 0.2229, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **77.0051, 0.2294, 0.3233**, and if you desaturate by 10%, it is **80.4232, 0.2430, 0.3249**.

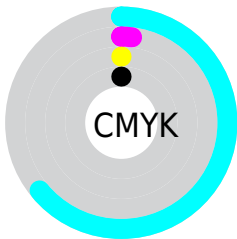
Distribution



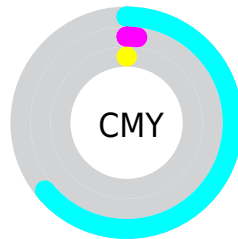
- Red (36%)
- Green (98%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4897, 0.2352, 0.3241 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 78.4897, 0.2352, 0.3241 by changing the saturation by 10% instead.


 78.4897, 0.2352,
0.3241


 78.4897, 0.2352,
0.3241


489.8283, 0.2696,
0.3274


 58.4763, 0.2277,
0.3231


 131.2402, 0.2468,
0.3254

 42.1917, 0.2187,
0.3218

 164.7462, 0.2514,
0.3259

 29.2514, 0.2076,
0.3200


 203.5184, 0.2554,
0.3263

 19.2711, 0.1936,
0.3173

247.9414, 0.2590,
0.3266

 11.8663, 0.1756,
0.3133

298.3995, 0.2621,
0.3268

 6.6527, 0.1516,
0.3067


355.2771, 0.2648,


 3.2459, 0.1188,


0.3271


0.2949


418.9585, 0.2673,
0.3272


 1.2614, 0.0421,
0.2803


 0.1110, 0.0000,
0.0902


 78.4897, 0.2352,
0.3241


 78.4897, 0.2352,
0.3241

 77.0051, 0.2294,
0.3233

 80.4232, 0.2430,
0.3249


 75.9142, 0.2254,
0.3225

 82.8366, 0.2527,
0.3258

 75.1633, 0.2233,
0.3217

 85.7684, 0.2642,
0.3266

 74.8227, 0.2226,
0.3212

 89.2508, 0.2772,
0.3273

■ 93.3132, 0.2914,
0.3281

■ 97.9832, 0.3066,
0.3287

■ 99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



78.4897, 0.2677, 0.3735



78.4897, 0.2352, 0.3241



78.4897, 0.2228, 0.2814

Triad

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



78.4897, 0.2352, 0.3241



78.4897, 0.3053, 0.2625



78.4897, 0.3983, 0.3991

Complementary

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



78.4897, 0.2352, 0.3241



30.3976, 0.5188, 0.3331

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.



78.4897, 0.4117, 0.3646



78.4897, 0.2352, 0.3241



78.4897, 0.3558, 0.2891

Square

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



78.4897, 0.2352, 0.3241



78.4897, 0.2606, 0.2504



78.4897, 0.3960, 0.3253



78.4897, 0.3618, 0.4180

Rectangle

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



78.4897, 0.2352, 0.3241



78.4897, 0.2264, 0.2624



78.4897, 0.3960, 0.3253



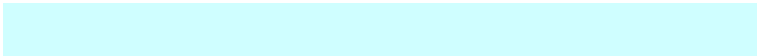
78.4897, 0.4058, 0.3888

Sweetspot

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



78.4927, 0.2352, 0.3241



91.1906, 0.2840, 0.3277



74.6002, 0.3021, 0.5337



19.2754, 0.2800, 0.3275



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.



78.4927, 0.2352, 0.3241



76.6478, 0.2279, 0.3230



38.5457, 0.2106, 0.2195



20.4011, 0.2980, 0.3284



39.1417, 0.2226, 0.3213



3.8342, 0.2228, 0.3222

Inverse Universe

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



35.8835, 0.3233, 0.1857



31.2681, 0.3250, 0.1692



53.1679, 0.4546, 0.4115



18.2923, 0.3142, 0.3061



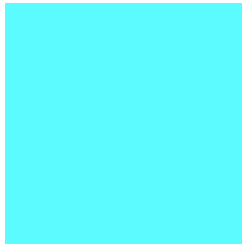
14.6793, 0.3271, 0.1576



1.4316, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 78.4897, 0.2352, 0.3241 looks on a white background.

Color Contrast Check

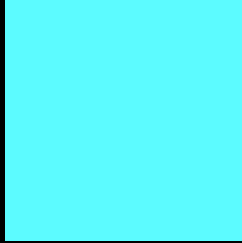
Large Text (above 18pt) WCAG AA × Fail

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 78.4897, 0.2352, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

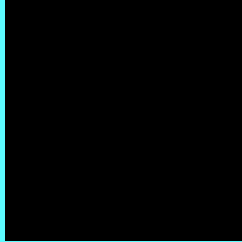
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4897, 0.2352, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 78.4897, 0.2352, 0.3241.

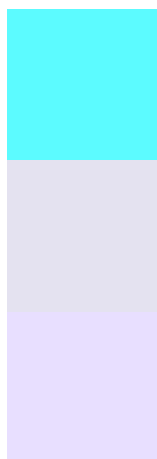


This preview shows how white text looks on a background with the Yxy color 78.4897, 0.2352, 0.3241.

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

78.4897, 0.2352, 0.3241

Protanopia

77.1780, 0.3052, 0.3144

Deuteranopia

77.1512, 0.2986, 0.2964



Tritanopia

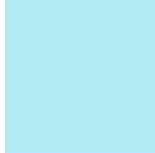
77.6042, 0.2583, 0.3131

Trichromacy



Original Color

78.4897, 0.2352, 0.3241



Protanomaly

75.5929, 0.2723, 0.3177



Deuteranomaly

75.3216, 0.2680, 0.3047



Tritanomaly

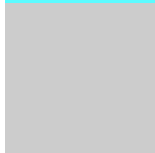
77.6757, 0.2480, 0.3173

Monochromacy



Original Color

78.4897, 0.2352, 0.3241



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.8271, 0.2734, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4897, 0.2352, 0.3241 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(92, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 251, 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(92, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.4897, 0.2352, 0.3241 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(92, 251, 255) }
```

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

```
.border{ border-color:rgb(92, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4897, 0.2352, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 251, 255) }
```

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

```
.background{ background-color: rgb(92, 251,  
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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