

Converting Colors

$Yxy(76.4346, 0.2280, 0.3260)$

Have a look what the booklet for
Yxy(76.4346, 0.2280, 0.3260)
contains.

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Color

Yxy(76.2199, 0.2277, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	35FAFD
RGB	53, 250, 253
RGB Percent	21%, 98%, 99%
CMY	0.7923, 0.0196, 0.0077
CMYK	0.79, 0.01, 0.00, 0.01
HSL	181°, 98%, 60%
HSV	181°, 79%, 99%
XYZ	53.3844, 76.2199, 104.8463
YIQ	191.4390, -118.3750, -40.8310

Conversions

Conversions Part 2

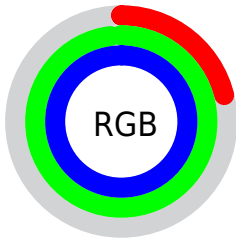
Format	Color
RYB	53, 152, 253
Decimal	3537661
CIELab	89.96, -44.19, -14.81
CIELCh	90, 46.608, 198.521
Yxy	76.2199, 0.2277, 0.3251
Android (android.graphics.Color)	4281727741 (0xFF35FAFD)
YUV	191.4390, 30.3496, -121.4110
Hunter-Lab	87.3040, -43.6333, -10.0905

Details

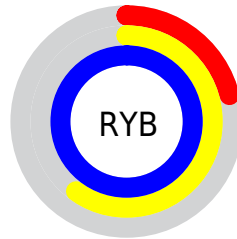
The Yxy color **76.2199, 0.2277, 0.3251** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.9713, 0.5889, 0.3316**, and the grayscale version is **52.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8909, 0.2501, 0.3288**, and **42.1255, 0.2234, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **75.4716, 0.2248, 0.3246**, and if you desaturate by 10%, it is **77.3356, 0.2324, 0.3256**.

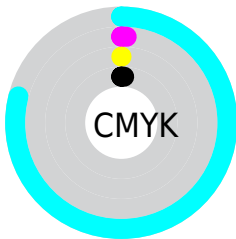
Distribution



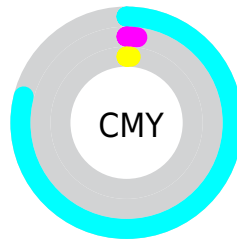
- Red (21%)
- Green (98%)
- Blue (99%)



- Red (21%)
- Yellow (60%)
- Blue (99%)



- Cyan (79%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (79%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2199, 0.2277, 0.3251 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 76.2199, 0.2277, 0.3251 by changing the saturation by 10% instead.

 76.2199, 0.2277,
0.3251

 76.2199, 0.2277,
0.3251


482.1001, 0.2655,
0.3282


 56.6128, 0.2195,
0.3241

 128.0377, 0.2405,
0.3264


 40.6945, 0.2096,
0.3228


 161.0172, 0.2455,
0.3268

 28.0804, 0.1974,
0.3209


 199.2230, 0.2499,
0.3272

 18.3863, 0.1821,
0.3180

 243.0395, 0.2538,
0.3275

 11.2277, 0.1624,
0.3136

292.8511, 0.2572,
0.3277

 6.2202, 0.1365,
0.3062

349.0421, 0.2603,

 2.9794, 0.1016,

0.3279

411.9970, 0.2630,
0.3280

0.2926

■ 1.1210, 0.0000,
0.2804

■ 0.0000, 0.0000,
0.0000

■ 76.2199, 0.2277,
0.3251

■ 76.2199, 0.2277,
0.3251

■ 75.4716, 0.2248,
0.3246

■ 77.3356, 0.2324,
0.3256


■ 75.0079, 0.2235,
0.3241


■ 78.8603, 0.2391,
0.3261

■ 74.9706, 0.2234,
0.3241


■ 80.8388, 0.2478,
0.3267


■ 83.3081, 0.2582,
0.3272

 86.3013, 0.2704,
0.3277

 89.8487, 0.2840,
0.3282

 93.9782, 0.2987,
0.3286

 98.6424, 0.3139,
0.3290

 98.8840, 0.3139,
0.3294

Harmonies

Analogous

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



76.2199, 0.2640, 0.3811



76.2199, 0.2277, 0.3251



76.2199, 0.2134, 0.2770

Triad

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



76.2199, 0.2277, 0.3251



76.2199, 0.3021, 0.2548



76.2199, 0.4089, 0.4050

Complementary

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



76.2199, 0.2277, 0.3251



23.9713, 0.5889, 0.3316

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.



76.2199, 0.4232, 0.3659



76.2199, 0.2277, 0.3251



76.2199, 0.3586, 0.2834

Square

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



76.2199, 0.2277, 0.3251



76.2199, 0.2532, 0.2420



76.2199, 0.4046, 0.3227



76.2199, 0.3687, 0.4282

Rectangle

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



76.2199, 0.2277, 0.3251



76.2199, 0.2168, 0.2557



76.2199, 0.4046, 0.3227



76.2199, 0.4171, 0.3931

Sweetspot

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



76.2227, 0.2277, 0.3251



89.5945, 0.2771, 0.3279



71.2791, 0.3011, 0.5763



18.9091, 0.2724, 0.3277



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.



76.2227, 0.2277, 0.3251



76.5113, 0.2239, 0.3243



30.6306, 0.1930, 0.1933



20.4316, 0.2980, 0.3286



39.8936, 0.2234, 0.3241



3.8988, 0.2235, 0.3247

Inverse Universe

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



30.3329, 0.3234, 0.1661



28.5281, 0.3245, 0.1573



43.9252, 0.4979, 0.4162



18.2954, 0.3140, 0.3059



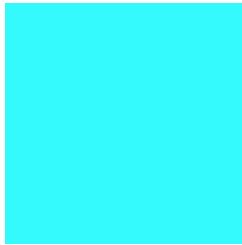
14.7553, 0.3247, 0.1563



1.4381, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 76.2199, 0.2277, 0.3251 looks on a white background.

Color Contrast Check

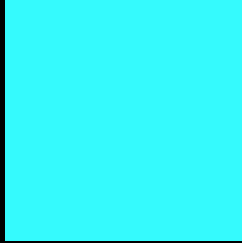
Large Text (above 18pt) WCAG AA × Fail

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 76.2199, 0.2277, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

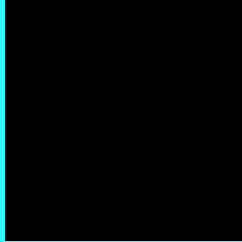
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

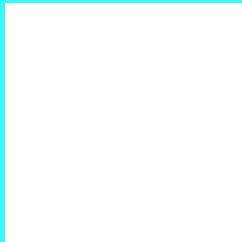
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2199, 0.2277, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 76.2199, 0.2277, 0.3251.

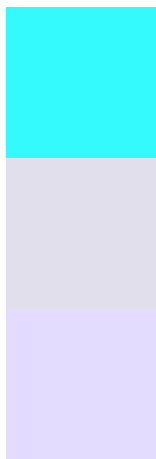


This preview shows how white text looks on a background with the Yxy color 76.2199, 0.2277, 0.3251.

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

76.2199, 0.2277, 0.3251

Protanopia

74.8390, 0.3057, 0.3153

Deuteranopia

74.9004, 0.2959, 0.2930



Tritanopia

75.7933, 0.2496, 0.3128

Trichromacy



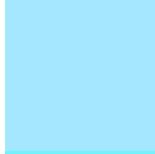
Original Color

76.2199, 0.2277, 0.3251



Protanomaly

72.3700, 0.2643, 0.3185



Deuteranomaly

72.2001, 0.2591, 0.3028



Tritanomaly

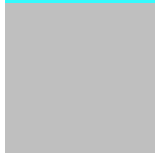
75.1083, 0.2387, 0.3170

Monochromacy



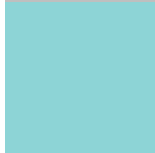
Original Color

76.2199, 0.2277, 0.3251



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

57.6047, 0.2643, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2199, 0.2277, 0.3251 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(53, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 250, 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(53, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 250, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.2199, 0.2277, 0.3251 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(53, 250, 253) }
```

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

```
.border{ border-color:rgb(53, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 250,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2199, 0.2277, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 250, 253) }
```

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

```
.background{ background-color: rgb(53, 250,  
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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