

Converting Colors

$Y_{xy}(76.1779, 0.2292, 0.3270)$

Have a look what the booklet for
Yxy(76.1779, 0.2292, 0.3270)
contains.

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Color

Yxy(76.2661, 0.2293, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	3BFAFB
RGB	59, 250, 251
RGB Percent	23%, 98%, 98%
CMY	0.7694, 0.0196, 0.0155
CMYK	0.77, 0.00, 0.00, 0.02
HSL	180°, 96%, 61%
HSV	180°, 77%, 98%
XYZ	53.3979, 76.2661, 103.2096
YIQ	193.0050, -114.1570, -40.1810

Conversions

Conversions Part 2

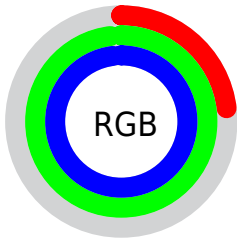
Format	Color
RYB	59, 155, 251
Decimal	3930875
CIELab	89.98, -44.25, -13.74
CIELCh	90, 46.334, 197.244
Yxy	76.2661, 0.2293, 0.3275
Android (android.graphics.Color)	4282120955 (0xFF3BF9FB)
YUV	193.0050, 28.5915, -117.5224
Hunter-Lab	87.3305, -43.6851, -8.9392

Details

The Yxy color **76.2661, 0.2293, 0.3275** 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 **24.0459, 0.5798, 0.3305**, and the grayscale version is **53.1798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1433, 0.2512, 0.3288**, and **42.0801, 0.2238, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **75.5961, 0.2261, 0.3273**, and if you desaturate by 10%, it is **77.3097, 0.2344, 0.3277**.

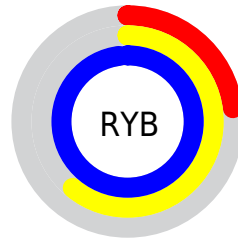
Distribution



Red (23%)

Green (98%)

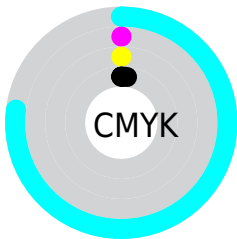
Blue (98%)



Red (23%)

Yellow (61%)

Blue (98%)

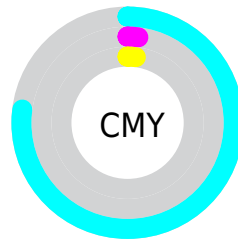


Cyan (77%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (77%)


Magenta (2%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2661, 0.2293, 0.3275 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 76.2661, 0.2293, 0.3275 by changing the saturation by 10% instead.


 76.2661, 0.2293,
0.3275


 76.2661, 0.2293,
0.3275


482.2581, 0.2664,
0.3294


 56.6507, 0.2212,
0.3268


 128.1030, 0.2419,
0.3284


 40.7249, 0.2115,
0.3258


 161.0933, 0.2468,
0.3287

 28.1042, 0.1994,
0.3243


 199.3107, 0.2512,
0.3289

 18.4042, 0.1843,
0.3221

 243.1396, 0.2550,
0.3290

 11.2406, 0.1648,
0.3184

292.9644, 0.2583,
0.3292

 6.2289, 0.1390,
0.3121


349.1695, 0.2613,

 2.9848, 0.1042,


0.3293


412.1393, 0.2640,
0.3293


0.3002

 1.1238, 0.0000,
0.2916

 0.0000, 0.0000,
0.0000


 76.2661, 0.2293,
0.3275


 76.2661, 0.2293,
0.3275

 75.5961, 0.2261,
0.3273


 77.3097, 0.2344,
0.3277

 75.2327, 0.2245,
0.3271


 78.7653, 0.2415,
0.3279


 75.1485, 0.2242,
0.3271


 80.6754, 0.2505,
0.3281


 83.0752, 0.2613,
0.3283

 85.9965, 0.2737,
0.3285

 89.4684, 0.2876,
0.3287

 93.5177, 0.3025,
0.3289

 97.2797, 0.3152,
0.3291

 97.3643, 0.3152,
0.3292

Harmonies

Analogous

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



76.2661, 0.2663, 0.3829



76.2661, 0.2293, 0.3275



76.2661, 0.2141, 0.2790

Triad

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



76.2661, 0.2293, 0.3275



76.2661, 0.2998, 0.2543



76.2661, 0.4096, 0.4032

Complementary

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



76.2661, 0.2293, 0.3275



24.0459, 0.5798, 0.3305

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.



76.2661, 0.4224, 0.3640



76.2661, 0.2293, 0.3275



76.2661, 0.3560, 0.2822

Square

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



76.2661, 0.2293, 0.3275



76.2661, 0.2518, 0.2424



76.2661, 0.4026, 0.3210



76.2661, 0.3704, 0.4271

Rectangle

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



76.2661, 0.2293, 0.3275



76.2661, 0.2168, 0.2572



76.2661, 0.4026, 0.3210



76.2661, 0.4173, 0.3912

Sweetspot

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



76.2690, 0.2293, 0.3275



90.3213, 0.2785, 0.3286



70.2603, 0.3014, 0.5709



19.0687, 0.2737, 0.3285



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.



76.2690, 0.2293, 0.3275



78.0891, 0.2250, 0.3272



31.3085, 0.1958, 0.1982



19.5916, 0.2980, 0.3288



39.4924, 0.2242, 0.3271



3.6627, 0.2243, 0.3273

Inverse Universe

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



30.5278, 0.3213, 0.1674



28.9134, 0.3221, 0.1569



44.2483, 0.4913, 0.4157



17.5229, 0.3139, 0.3058



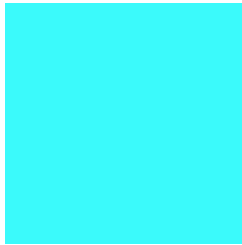
14.3977, 0.3223, 0.1549



1.3340, 0.3221, 0.1548

Previews

White Background



This preview shows how the Yxy color 76.2661, 0.2293, 0.3275 looks on a white background.

Color Contrast Check

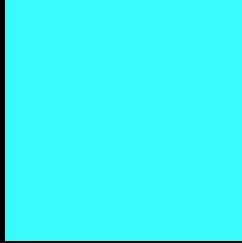
Large Text (above 18pt) WCAG AA × Fail

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 76.2661, 0.2293, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

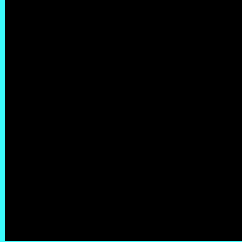
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

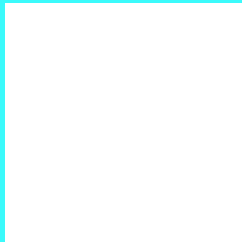
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2661, 0.2293, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 76.2661, 0.2293, 0.3275.

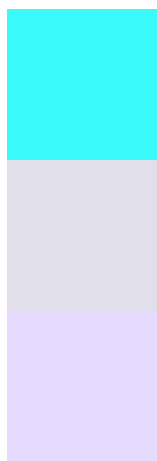


This preview shows how white text looks on a background with the Yxy color 76.2661, 0.2293, 0.3275.

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

76.2661, 0.2293, 0.3275

Protanopia

74.7234, 0.3070, 0.3173

Deuteranopia

74.7060, 0.2972, 0.2921



Tritanopia

75.8814, 0.2500, 0.3128

Trichromacy



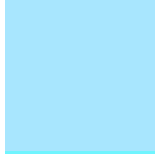
Original Color

76.2661, 0.2293, 0.3275



Protanomaly

72.5684, 0.2669, 0.3208



Deuteranomaly

72.0742, 0.2610, 0.3018



Tritanomaly

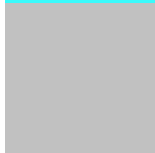
75.3019, 0.2396, 0.3170

Monochromacy



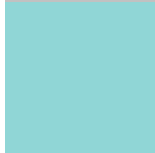
Original Color

76.2661, 0.2293, 0.3275



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

58.8775, 0.2664, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2661, 0.2293, 0.3275 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(59, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(59, 250, 251)  
}
```

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(59, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 250, 251) }
```

Border

The CSS property to change the border of an element to Yxy 76.2661, 0.2293, 0.3275 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(59, 250, 251) }
```

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

```
.border{ border-color:rgb(59, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(59, 250,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2661, 0.2293, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 250, 251) }
```

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

```
.background{ background-color: rgb(59, 250,  
251) }
```

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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