

Converting Colors

$Y_{xy}(79.2537, 0.2313, 0.3358)$

Have a look what the booklet for
Yxy(79.2537, 0.2313, 0.3358)
contains.

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Color

Yxy(79.2294, 0.2313, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	39FFF9
RGB	57, 255, 249
RGB Percent	22%, 100%, 98%
CMY	0.7768, 0.0000, 0.0236
CMYK	0.78, 0.00, 0.02, 0.00
HSL	178°, 100%, 61%
HSV	178°, 78%, 100%
XYZ	54.5410, 79.2294, 102.0314
YIQ	195.1140, -116.0820, -43.8420

Conversions

Conversions Part 2

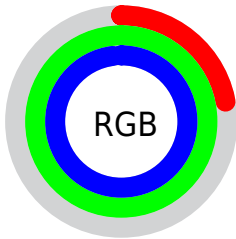
Format	Color
R_{YB}	57, 158, 255
Decimal	3801081
CIE Lab	91.34, -47.17, -10.65
CIE LCh	91, 48.357, 192.721
Yxy	79.2294, 0.2313, 0.3360
Android (android.graphics.Color)	4281991161 (0xFF39FFF9)
YUV	195.1140, 26.5658, -121.1260
Hunter-Lab	89.0109, -46.3941, -5.6553

Details

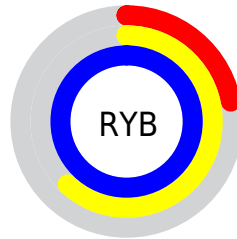
The Yxy color **79.2294, 0.2313, 0.3360** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **24.5370, 0.5792, 0.3260**, and the grayscale version is **54.5200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0584, 0.2508, 0.3288**, and **43.7828, 0.2264, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **78.6087, 0.2286, 0.3370**, and if you desaturate by 10%, it is **80.2203, 0.2359, 0.3350**.

Distribution



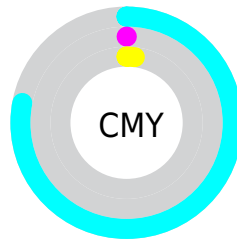
- Red (22%)
- Green (100%)
- Blue (98%)



- Red (22%)
- Yellow (62%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (78%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2294, 0.2313, 0.3360 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 79.2294, 0.2313, 0.3360 by changing the saturation by 10% instead.


 79.2294, 0.2313,
0.3360


 79.2294, 0.2313,
0.3360


492.3321, 0.2674,
0.3339


 59.0844, 0.2235,
0.3362


 132.2818, 0.2435,
0.3355


 42.6811, 0.2140,
0.3364


 165.9580, 0.2483,
0.3352

 29.6350, 0.2023,
0.3364


 204.9133, 0.2526,
0.3349

 19.5617, 0.1877,
0.3361

 249.5323, 0.2563,
0.3347

 12.0768, 0.1688,
0.3352

300.1993, 0.2595,
0.3345

 6.7960, 0.1437,
0.3328


357.2986, 0.2624,


 3.3349, 0.1098,


0.3343


421.2148, 0.2651,
0.3341


0.3269


 1.3090, 0.0104,
0.3292


 0.1481, 0.0000,
0.1406


 79.2294, 0.2313,
0.3360


 79.2294, 0.2313,
0.3360


 78.6087, 0.2286,
0.3370


 80.2203, 0.2359,
0.3350

 78.3010, 0.2274,
0.3380

 81.6393, 0.2425,
0.3340

 78.2517, 0.2273,
0.3382

 83.5259, 0.2510,
0.3330

 85.9169, 0.2614,
0.3321

88.8457, 0.2734,
0.3312

92.3428, 0.2867,
0.3303

96.4363, 0.3011,
0.3296

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



79.2294, 0.2721, 0.3925



79.2294, 0.2313, 0.3360



79.2294, 0.2122, 0.2837

Triad

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



79.2294, 0.2313, 0.3360



79.2294, 0.2910, 0.2493



79.2294, 0.4164, 0.3997

Complementary

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



79.2294, 0.2313, 0.3360



24.5370, 0.5792, 0.3260

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.



79.2294, 0.4249, 0.3580



79.2294, 0.2313, 0.3360



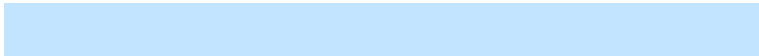
79.2294, 0.3486, 0.2757

Square

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



79.2294, 0.2313, 0.3360



79.2294, 0.2441, 0.2399



79.2294, 0.3995, 0.3141



79.2294, 0.3793, 0.4279

Rectangle

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



79.2294, 0.2313, 0.3360



79.2294, 0.2127, 0.2592



79.2294, 0.3995, 0.3141



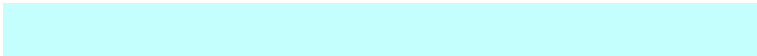
79.2294, 0.4229, 0.3866

Sweetspot

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



79.2266, 0.2313, 0.3360



90.4087, 0.2794, 0.3308



72.8889, 0.3029, 0.5723



19.0904, 0.2747, 0.3311



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.



79.2266, 0.2313, 0.3360



78.4124, 0.2278, 0.3375



34.1278, 0.1969, 0.2052



20.4714, 0.2984, 0.3297



40.8925, 0.2272, 0.3380



3.9844, 0.2269, 0.3369

Inverse Universe

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



24.5370, 0.5792, 0.3260



21.7581, 0.6278, 0.3281



43.1636, 0.5010, 0.4097



17.9960, 0.3290, 0.3283



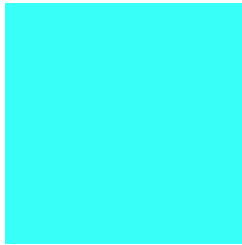
11.1215, 0.6370, 0.3283



1.0859, 0.6297, 0.3243

Previews

White Background



This preview shows how the Yxy color 79.2294, 0.2313, 0.3360 looks on a white background.

Color Contrast Check

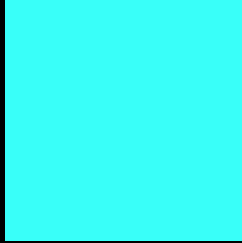
Large Text (above 18pt) WCAG AA × Fail

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 79.2294, 0.2313, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

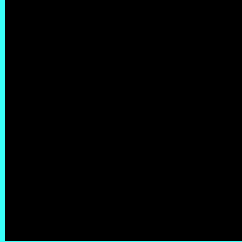
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2294, 0.2313, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 79.2294, 0.2313, 0.3360.

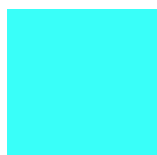


This preview shows how white text looks on a background with the Yxy color 79.2294, 0.2313, 0.3360.

Color Blindness Simulation

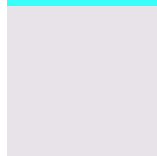
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



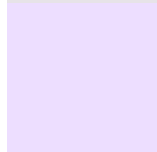
Original Color

79.2294, 0.2313, 0.3360



Protanopia

77.7533, 0.3123, 0.3238



Deuteranopia

77.4671, 0.3019, 0.2957



Tritanopia

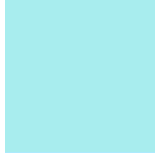
78.3013, 0.2589, 0.3143

Trichromacy



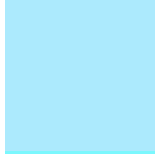
Original Color

79.2294, 0.2313, 0.3360



Protanomaly

75.0663, 0.2701, 0.3277



Deuteranomaly

74.7081, 0.2642, 0.3076



Tritanomaly

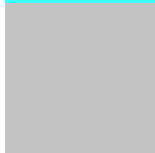
77.8243, 0.2446, 0.3218

Monochromacy



Original Color

79.2294, 0.2313, 0.3360



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

60.5517, 0.2668, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2294, 0.2313, 0.3360 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(57, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(57, 255, 249)  
}
```

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(57, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 79.2294, 0.2313, 0.3360 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(57, 255, 249) }
```

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

```
.border{ border-color:rgb(57, 255, 249) }
```

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

Here you see how a box with a 4 pixel rgb(57, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(57, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2294, 0.2313, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 255, 249) }
```

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

```
.background{ background-color: rgb(57, 255,  
249) }
```

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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