

Converting Colors

$Y_{xy}(79.2342, 0.2295, 0.3327)$

Have a look what the booklet for
Yxy(79.2342, 0.2295, 0.3327)
contains.

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Color

Yxy(79.2521, 0.2294, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	33FFFC
RGB	51, 255, 252
RGB Percent	20%, 100%, 99%
CMY	0.7996, 0.0000, 0.0119
CMYK	0.80, 0.00, 0.01, 0.00
HSL	179°, 100%, 60%
HSV	179°, 80%, 100%
XYZ	54.6944, 79.2521, 104.4773
YIQ	193.6620, -120.6210, -44.1810

Conversions

Conversions Part 2

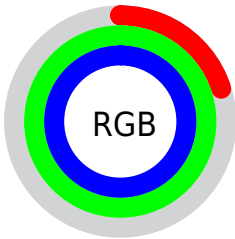
Format	Color
RYB	51, 154, 255
Decimal	3407868
CIELab	91.35, -46.82, -12.18
CIELCh	91, 48.383, 194.583
Yxy	79.2521, 0.2294, 0.3324
Android (android.graphics.Color)	4281597948 (0xFF33FFFC)
YUV	193.6620, 28.7606, -125.1146
Hunter-Lab	89.0236, -46.1244, -7.2657

Details

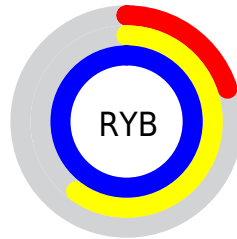
The Yxy color **79.2521, 0.2294, 0.3324** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.9051, 0.5916, 0.3281**, and the grayscale version is **53.6368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8083, 0.2497, 0.3288**, and **43.8726, 0.2255, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **78.7364, 0.2269, 0.3329**, and if you desaturate by 10%, it is **80.1317, 0.2337, 0.3319**.

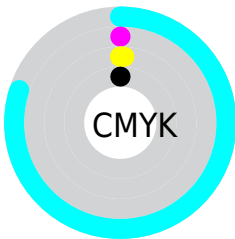
Distribution



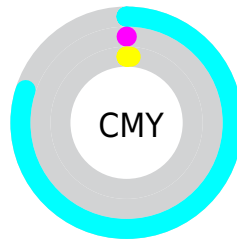
- Red (20%)
- Green (100%)
- Blue (99%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2521, 0.2294, 0.3324 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 79.2521, 0.2294, 0.3324 by changing the saturation by 10% instead.


 79.2521, 0.2294,
0.3324


 79.2521, 0.2294,
0.3324


492.4088, 0.2663,
0.3320


 59.1031, 0.2214,
0.3322


 132.3137, 0.2418,
0.3325


 42.6961, 0.2118,
0.3319


 165.9951, 0.2468,
0.3324

 29.6468, 0.1999,
0.3312


 204.9561, 0.2511,
0.3324

 19.5706, 0.1851,
0.3301

 249.5811, 0.2549,
0.3323

 12.0833, 0.1660,
0.3280

300.2545, 0.2582,
0.3323

 6.8004, 0.1409,
0.3239

357.3606, 0.2612,

 3.3376, 0.1069,

0.3322

421.2839, 0.2639,
0.3321

0.3155

1.3104, 0.0121,
0.3117

0.1493, 0.0000,
0.1282

79.2521, 0.2294,
0.3324

79.2521, 0.2294,
0.3324

78.7364, 0.2269,
0.3329

80.1317, 0.2337,
0.3319

78.4985, 0.2259,
0.3333

81.4254, 0.2399,
0.3314

78.4977, 0.2259,
0.3333

83.1775, 0.2481,
0.3310

85.4257, 0.2582,
0.3305

■ 88.2043, 0.2699,
0.3301

■ 91.5443, 0.2832,
0.3297

■ 95.4744, 0.2975,
0.3293

■ 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.



79.2521, 0.2691, 0.3894



79.2521, 0.2294, 0.3324



79.2521, 0.2118, 0.2810

Triad

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



79.2521, 0.2294, 0.3324



79.2521, 0.2944, 0.2505



79.2521, 0.4148, 0.4020

Complementary

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



79.2521, 0.2294, 0.3324



23.9051, 0.5916, 0.3281

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.



79.2521, 0.4254, 0.3608



79.2521, 0.2294, 0.3324



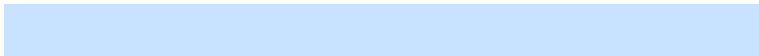
79.2521, 0.3522, 0.2778

Square

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



79.2521, 0.2294, 0.3324



79.2521, 0.2464, 0.2398



79.2521, 0.4020, 0.3168



79.2521, 0.3763, 0.4290

Rectangle

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



79.2521, 0.2294, 0.3324



79.2521, 0.2132, 0.2574



79.2521, 0.4020, 0.3168



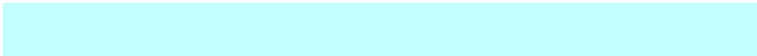
79.2521, 0.4220, 0.3892

Sweetspot

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



79.2526, 0.2294, 0.3324



90.1243, 0.2777, 0.3299



72.5584, 0.3018, 0.5776



19.0393, 0.2730, 0.3300



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.



79.2526, 0.2294, 0.3324



78.5731, 0.2262, 0.3332



31.8562, 0.1933, 0.1962



20.4765, 0.2982, 0.3293



41.0189, 0.2259, 0.3333



3.9953, 0.2258, 0.3327

Inverse Universe

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



23.9051, 0.5916, 0.3281



21.5127, 0.6342, 0.3293



43.2035, 0.5037, 0.4130



17.9915, 0.3292, 0.3287



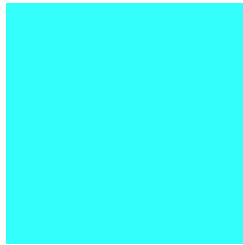
11.1151, 0.6386, 0.3291



1.0837, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 79.2521, 0.2294, 0.3324 looks on a white background.

Color Contrast Check

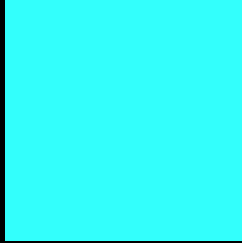
Large Text (above 18pt) WCAG AA × Fail

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 79.2521, 0.2294, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

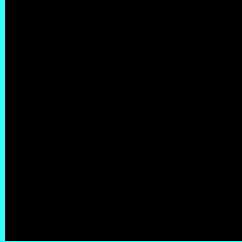
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

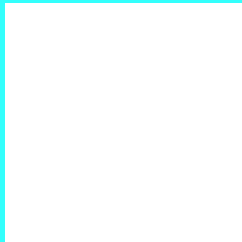
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2521, 0.2294, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 79.2521, 0.2294, 0.3324.

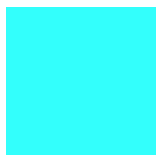


This preview shows how white text looks on a background with the Yxy color 79.2521, 0.2294, 0.3324.

Color Blindness Simulation

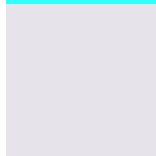
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



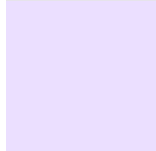
Original Color

79.2521, 0.2294, 0.3324



Protanopia

77.7593, 0.3097, 0.3207



Deuteranopia

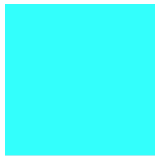
77.6575, 0.3006, 0.2966



Tritanopia

78.1978, 0.2584, 0.3143

Trichromacy



Original Color

79.2521, 0.2294, 0.3324



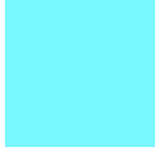
Protanomaly

74.9186, 0.2670, 0.3243



Deuteranomaly

74.8972, 0.2618, 0.3076



Tritanomaly

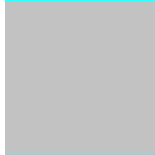
77.6704, 0.2432, 0.3207

Monochromacy



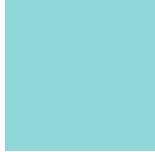
Original Color

79.2521, 0.2294, 0.3324



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

59.7688, 0.2650, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2521, 0.2294, 0.3324 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(51, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 252)  
}
```

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(51, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 79.2521, 0.2294, 0.3324 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(51, 255, 252) }
```

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

```
.border{ border-color:rgb(51, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2521, 0.2294, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 252) }
```

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

```
.background{ background-color: rgb(51, 255,  
252) }
```

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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