

Converting Colors

$Yxy(73.4314, 0.2299, 0.3167)$

Have a look what the booklet for
Yxy(73.4314, 0.2299, 0.3167)
contains.

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Color

Yxy(73.4349, 0.2299, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	4DF4FE
RGB	77, 244, 254
RGB Percent	30%, 96%, 100%
CMY	0.6975, 0.0432, 0.0039
CMYK	0.70, 0.04, 0.00, 0.00
HSL	183°, 99%, 65%
HSV	183°, 70%, 100%
XYZ	53.3081, 73.4349, 105.1323
YIQ	195.2070, -102.7420, -32.2940

Conversions

Conversions Part 2

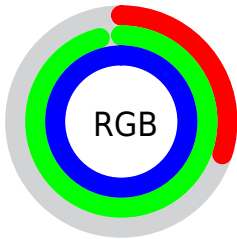
Format	Color
RYB	77, 163, 254
Decimal	5108990
CIELab	88.65, -38.76, -17.24
CIELCh	89, 42.419, 203.977
Yxy	73.4349, 0.2299, 0.3167
Android (android.graphics.Color)	4283299070 (0xFF4DF4FE)
YUV	195.2070, 28.9849, -103.6675
Hunter-Lab	85.6942, -38.9246, -12.7529

Details

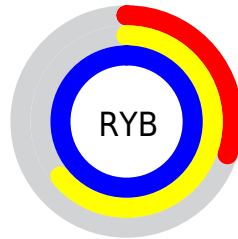
The Yxy color **73.4349, 0.2299, 0.3167** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **28.4484, 0.5419, 0.3378**, and the grayscale version is **54.5957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0359, 0.2553, 0.3288**, and **39.5719, 0.2203, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **71.7157, 0.2248, 0.3148**, and if you desaturate by 10%, it is **75.5787, 0.2370, 0.3186**.

Distribution



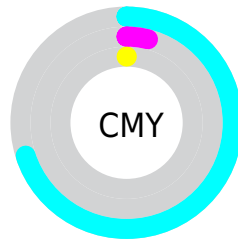
- Red (30%)
- Green (96%)
- Blue (100%)



- Red (30%)
- Yellow (64%)
- Blue (100%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (70%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4349, 0.2299, 0.3167 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 73.4349, 0.2299, 0.3167 by changing the saturation by 10% instead.

 73.4349, 0.2299,
0.3167

 73.4349, 0.2299,
0.3167

472.5207, 0.2669,
0.3236


 54.3316, 0.2218,
0.3149


 124.0944, 0.2424,
0.3193


 38.8669, 0.2120,
0.3124


 156.4195, 0.2474,
0.3203

 26.6562, 0.2000,
0.3092


 193.9206, 0.2517,
0.3211

 17.3152, 0.1848,
0.3046

 236.9821, 0.2555,
0.3217

 10.4595, 0.1651,
0.2979

285.9885, 0.2589,
0.3223

 5.7046, 0.1391,
0.2873


341.3242, 0.2618,

 2.6663, 0.1039,


0.3228


0.2692


403.3734, 0.2645,
0.3232


 0.9601, 0.0000,
0.2486


 0.0000, 0.0000,
0.0000


 73.4349, 0.2299,
0.3167

 73.4349, 0.2299,
0.3167


 71.7157, 0.2248,
0.3148


 75.5787, 0.2370,
0.3186


 70.3619, 0.2215,
0.3129


 78.1818, 0.2460,
0.3206


 69.2957, 0.2198,
0.3110

 81.2845, 0.2569,
0.3225

 69.2588, 0.2197,
0.3109

 84.9204, 0.2693,
0.3243

 89.1202, 0.2830,
0.3260

 93.9122, 0.2978,
0.3276

99.3229, 0.3133,
0.3291

99.9360, 0.3133,
0.3299

Harmonies

Analogous

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



73.4349, 0.2605, 0.3679



73.4349, 0.2299, 0.3167



73.4349, 0.2203, 0.2750

Triad

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



73.4349, 0.2299, 0.3167



73.4349, 0.3125, 0.2639



73.4349, 0.3965, 0.4051

Complementary

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



73.4349, 0.2299, 0.3167



28.4484, 0.5419, 0.3378

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.



73.4349, 0.4144, 0.3710



73.4349, 0.2299, 0.3167



73.4349, 0.3640, 0.2929

Square

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



73.4349, 0.2299, 0.3167



73.4349, 0.2649, 0.2490



73.4349, 0.4027, 0.3308



73.4349, 0.3564, 0.4215

Rectangle

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



73.4349, 0.2299, 0.3167



73.4349, 0.2261, 0.2574



73.4349, 0.4027, 0.3308



73.4349, 0.4055, 0.3950

Sweetspot

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



73.4376, 0.2299, 0.3167



89.3018, 0.2811, 0.3257



73.1406, 0.2997, 0.5453



18.8560, 0.2772, 0.3253



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.



73.4376, 0.2299, 0.3167



71.7162, 0.2231, 0.3139



32.7600, 0.2009, 0.1997



20.2949, 0.2980, 0.3276



36.5882, 0.2198, 0.3112



3.6140, 0.2204, 0.3134

Inverse Universe

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



32.9291, 0.3297, 0.1813



29.2958, 0.3329, 0.1676



52.0405, 0.4649, 0.4213



18.2816, 0.3147, 0.3069



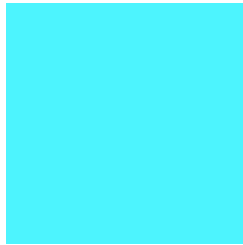
14.4216, 0.3357, 0.1623



1.4094, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 73.4349, 0.2299, 0.3167 looks on a white background.

Color Contrast Check

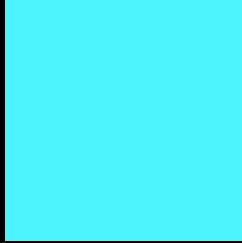
Large Text (above 18pt) WCAG AA × Fail

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 73.4349, 0.2299, 0.3167 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 73.4349, 0.2299, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 73.4349, 0.2299, 0.3167.

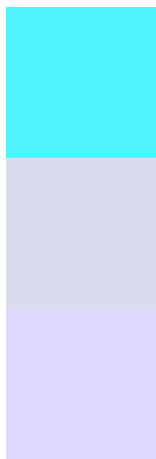


This preview shows how white text looks on a background with the Yxy color 73.4349, 0.2299, 0.3167.

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

73.4349, 0.2299, 0.3167

Protanopia

71.8962, 0.3004, 0.3086

Deuteranopia

72.0197, 0.2925, 0.2884



Tritanopia

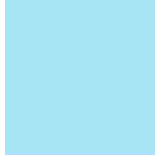
73.3130, 0.2427, 0.3101

Trichromacy



Original Color

73.4349, 0.2299, 0.3167



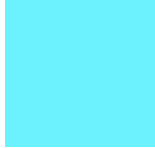
Protanomaly

70.2339, 0.2653, 0.3105



Deuteranomaly

70.1588, 0.2610, 0.2962



Tritanomaly

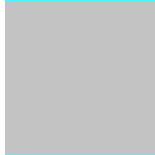
73.3187, 0.2371, 0.3122

Monochromacy



Original Color

73.4349, 0.2299, 0.3167



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

59.2218, 0.2697, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4349, 0.2299, 0.3167 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(77, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(77, 244, 254)  
}
```

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(77, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 244, 254) }
```

Border

The CSS property to change the border of an element to Yxy 73.4349, 0.2299, 0.3167 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(77, 244, 254) }
```

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

```
.border{ border-color:rgb(77, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(77, 244,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4349, 0.2299, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 244, 254) }
```

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

```
.background{ background-color: rgb(77, 244,  
254) }
```

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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