

Converting Colors

$Yxy(81.0924, 0.1993, 0.2247)$

Have a look what the booklet for
Yxy(81.0924, 0.1993, 0.2247)
contains.

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Color

Yxy(73.5489, 0.2268, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	3EF5FF
RGB	62, 245, 255
RGB Percent	24%, 96%, 100%
CMY	0.7582, 0.0391, 0.0001
CMYK	0.76, 0.04, 0.00, 0.00
HSL	183°, 100%, 62%
HSV	183°, 76%, 100%
XYZ	52.6710, 73.5489, 106.0154
YIQ	191.4230, -112.2780, -35.6860

Conversions

Conversions Part 2

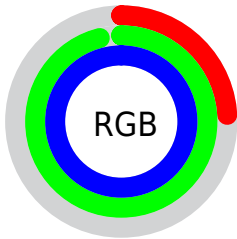
Format	Color
RYB	62, 156, 255
Decimal	4126207
CIELab	88.71, -40.64, -17.70
CIELCh	89, 44.327, 203.529
Yxy	73.5489, 0.2268, 0.3167
Android (android.graphics.Color)	4282316287 (0xFF3EF5FF)
YUV	191.4230, 31.3435, -113.5040
Hunter-Lab	85.7607, -40.4532, -13.2605

Details

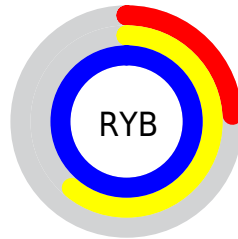
The Yxy color **73.5489, 0.2268, 0.3167** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **26.1888, 0.5705, 0.3366**, and the grayscale version is **52.1684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2290, 0.2516, 0.3288**, and **40.0437, 0.2203, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **72.1239, 0.2229, 0.3150**, and if you desaturate by 10%, it is **75.3705, 0.2326, 0.3185**.

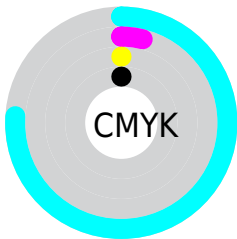
Distribution



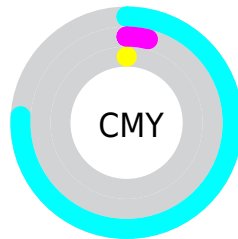
- Red (24%)
- Green (96%)
- Blue (100%)



- Red (24%)
- Yellow (61%)
- Blue (100%)



- Cyan (76%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5489, 0.2268, 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 73.5489, 0.2268, 0.3167 by changing the saturation by 10% instead.


 73.5489, 0.2268,
0.3167

 73.5489, 0.2268,
0.3167


472.9150, 0.2651,
0.3237


 54.4249, 0.2185,
0.3148

 124.2561, 0.2398,
0.3194


 38.9415, 0.2084,
0.3123


 156.6082, 0.2449,
0.3203

 26.7142, 0.1959,
0.3090


 194.1383, 0.2494,
0.3211

 17.3587, 0.1803,
0.3043

 237.2310, 0.2533,
0.3218

 10.4906, 0.1603,
0.2974

286.2707, 0.2568,
0.3224

 5.7254, 0.1338,
0.2864

341.6416, 0.2598,

 2.6788, 0.0983,

0.3229

0.2677

403.7282, 0.2626,
0.3233

■ 0.9665, 0.0000,
0.2447

■ 0.0000, 0.0000,
0.0000

■ 73.5489, 0.2268,
0.3167

■ 73.5489, 0.2268,
0.3167

■ 72.1239, 0.2229,
0.3150

■ 75.3705, 0.2326,
0.3185

■ 71.0279, 0.2207,
0.3132

■ 77.6286, 0.2404,
0.3202

■ 70.6314, 0.2202,
0.3125

■ 80.3667, 0.2501,
0.3220

■ 83.6212, 0.2615,
0.3237

87.4248, 0.2744,
0.3253

91.8075, 0.2886,
0.3268

96.7971, 0.3037,
0.3282

99.9991, 0.3127,
0.3290

Harmonies

Analogous

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



73.5489, 0.2588, 0.3705



73.5489, 0.2268, 0.3167



73.5489, 0.2166, 0.2730

Triad

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



73.5489, 0.2268, 0.3167



73.5489, 0.3115, 0.2609



73.5489, 0.4005, 0.4077

Complementary

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



73.5489, 0.2268, 0.3167



26.1888, 0.5705, 0.3366

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.



73.5489, 0.4190, 0.3718



73.5489, 0.2268, 0.3167



73.5489, 0.3655, 0.2908

Square

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



73.5489, 0.2268, 0.3167



73.5489, 0.2622, 0.2458



73.5489, 0.4063, 0.3300



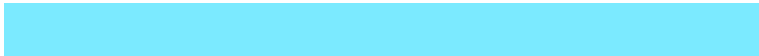
73.5489, 0.3588, 0.4256

Rectangle

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



73.5489, 0.2268, 0.3167



73.5489, 0.2224, 0.2547



73.5489, 0.4063, 0.3300



73.5489, 0.4098, 0.3970

Sweetspot

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



73.5516, 0.2268, 0.3167



88.6093, 0.2783, 0.3257



72.9841, 0.2992, 0.5618



18.6453, 0.2733, 0.3252



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.



73.5516, 0.2268, 0.3167



71.5272, 0.2216, 0.3141



29.6205, 0.1931, 0.1863



20.3115, 0.2980, 0.3277



36.9806, 0.2202, 0.3128



3.6479, 0.2208, 0.3148

Inverse Universe

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



31.2607, 0.3302, 0.1737



28.3443, 0.3331, 0.1635



49.6044, 0.4802, 0.4246



18.2833, 0.3146, 0.3068



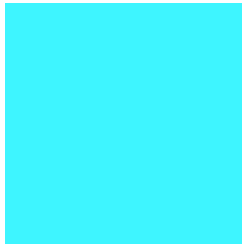
14.4612, 0.3343, 0.1615



1.4128, 0.3326, 0.1606

Previews

White Background



This preview shows how the Yxy color 73.5489, 0.2268, 0.3167 looks on a white background.

Color Contrast Check

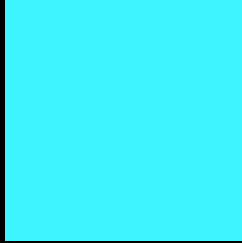
Large Text (above 18pt) WCAG AA × Fail

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 73.5489, 0.2268, 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 73.5489, 0.2268, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 73.5489, 0.2268, 0.3167.

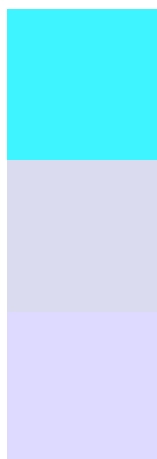


This preview shows how white text looks on a background with the Yxy color 73.5489, 0.2268, 0.3167.

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

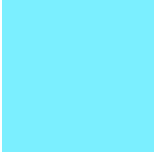
73.5489, 0.2268, 0.3167

Protanopia

71.9551, 0.2998, 0.3076

Deuteranopia

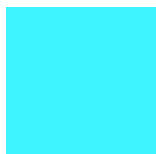
72.3753, 0.2918, 0.2894



Tritanopia

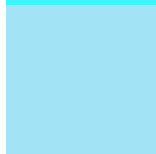
73.1640, 0.2419, 0.3101

Trichromacy



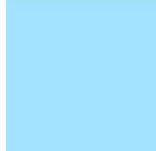
Original Color

73.5489, 0.2268, 0.3167



Protanomaly

69.7608, 0.2621, 0.3092



Deuteranomaly

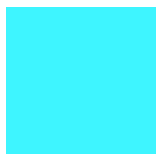
70.0507, 0.2580, 0.2971



Tritanomaly

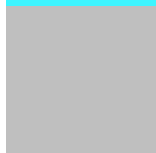
72.8973, 0.2349, 0.3121

Monochromacy



Original Color

73.5489, 0.2268, 0.3167



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

57.3729, 0.2659, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5489, 0.2268, 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(62, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 245, 255)  
}
```

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(62, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.5489, 0.2268, 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(62, 245, 255) }
```

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

```
.border{ border-color:rgb(62, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 245,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5489, 0.2268, 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(62, 245, 255) }
```

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

```
.background{ background-color: rgb(62, 245,  
255) }
```

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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