

Converting Colors

$Y_{xy}(74.0922, 0.2268, 0.3179)$

Have a look what the booklet for
Yxy(74.0922, 0.2268, 0.3179)
contains.

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Color

Yxy(74.0922, 0.2268, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	3CF6FF
RGB	60, 246, 255
RGB Percent	24%, 96%, 100%
CMY	0.7654, 0.0352, 0.0000
CMYK	0.77, 0.04, 0.00, 0.00
HSL	183°, 100%, 62%
HSV	183°, 77%, 100%
XYZ	52.8597, 74.0922, 106.1157
YIQ	191.4120, -113.7450, -36.6330

Conversions

Conversions Part 2

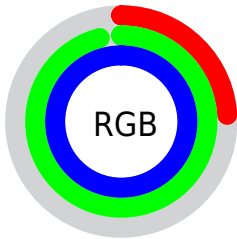
Format	Color
RYB	60, 155, 255
Decimal	3995391
CIELab	88.97, -41.26, -17.32
CIELCh	89, 44.746, 202.766
Yxy	74.0922, 0.2268, 0.3179
Android (android.graphics.Color)	4282185471 (0xFF3CF6FF)
YUV	191.4120, 31.3489, -115.2483
Hunter-Lab	86.0768, -41.0177, -12.8391

Details

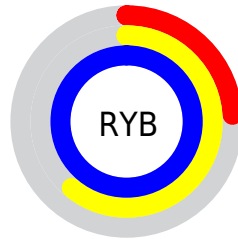
The Yxy color **74.0922, 0.2268, 0.3179** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **25.8156, 0.5744, 0.3358**, and the grayscale version is **52.1886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1433, 0.2512, 0.3288**, and **40.4724, 0.2208, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **72.7738, 0.2231, 0.3164**, and if you desaturate by 10%, it is **75.8023, 0.2324, 0.3195**.

Distribution



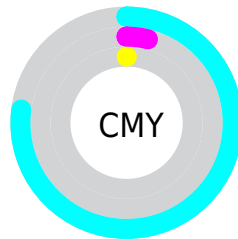
- Red (24%)
- Green (96%)
- Blue (100%)



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



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (77%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0922, 0.2268, 0.3179 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 74.0922, 0.2268, 0.3179 by changing the saturation by 10% instead.


 74.0922, 0.2268,
0.3179

 74.0922, 0.2268,
0.3179


474.7915, 0.2651,
0.3243


 54.8695, 0.2185,
0.3161


 125.0265, 0.2398,
0.3204


 39.2973, 0.2084,
0.3138


 157.5069, 0.2449,
0.3213

 26.9910, 0.1960,
0.3107


 195.1753, 0.2493,
0.3220

 17.5665, 0.1805,
0.3063

 238.4161, 0.2533,
0.3226

 10.6392, 0.1604,
0.2997

287.6138, 0.2567,
0.3232

 5.8248, 0.1341,
0.2893

343.1526, 0.2598,

 2.7388, 0.0988,

0.3236

0.2713

405.4171, 0.2626,
0.3240

■ 0.9970, 0.0000,
0.2499

■ 0.0000, 0.0000,
0.0000

■ 74.0922, 0.2268,
0.3179

■ 74.0922, 0.2268,
0.3179

■ 72.7738, 0.2231,
0.3164

■ 75.8023, 0.2324,
0.3195

■ 71.7781, 0.2211,
0.3148

■ 77.9444, 0.2400,
0.3210

■ 71.4774, 0.2207,
0.3143

■ 80.5628, 0.2495,
0.3226

■ 83.6938, 0.2607,
0.3241

87.3706, 0.2735,
0.3256

91.6233, 0.2875,
0.3269

96.4799, 0.3025,
0.3282

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



74.0922, 0.2594, 0.3721



74.0922, 0.2268, 0.3179



74.0922, 0.2160, 0.2735

Triad

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



74.0922, 0.2268, 0.3179



74.0922, 0.3101, 0.2599



74.0922, 0.4019, 0.4074

Complementary

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



74.0922, 0.2268, 0.3179



25.8156, 0.5744, 0.3358

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.



74.0922, 0.4198, 0.3710



74.0922, 0.2268, 0.3179



74.0922, 0.3646, 0.2897

Square

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



74.0922, 0.2268, 0.3179



74.0922, 0.2607, 0.2451



74.0922, 0.4062, 0.3289



74.0922, 0.3603, 0.4262

Rectangle

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



74.0922, 0.2268, 0.3179



74.0922, 0.2214, 0.2547



74.0922, 0.4062, 0.3289



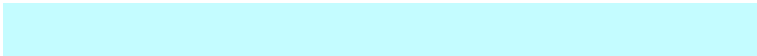
74.0922, 0.4110, 0.3965

Sweetspot

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



74.0949, 0.2268, 0.3179



88.8132, 0.2783, 0.3261



72.8681, 0.2999, 0.5661



18.6957, 0.2734, 0.3256



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.



74.0949, 0.2268, 0.3179



72.1988, 0.2218, 0.3155



30.2775, 0.1934, 0.1892



20.3297, 0.2980, 0.3279



37.4136, 0.2207, 0.3146



3.6853, 0.2212, 0.3163

Inverse Universe

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



31.1271, 0.3292, 0.1723



28.3188, 0.3319, 0.1624



48.1040, 0.4850, 0.4218



18.2851, 0.3145, 0.3066



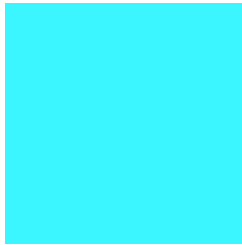
14.5049, 0.3328, 0.1607



1.4166, 0.3313, 0.1599

Previews

White Background



This preview shows how the Yxy color 74.0922, 0.2268, 0.3179 looks on a white background.

Color Contrast Check

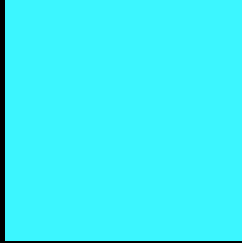
Large Text (above 18pt) WCAG AA × Fail

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 74.0922, 0.2268, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

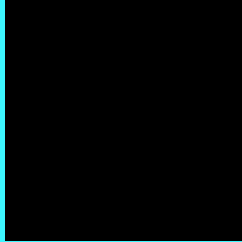
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0922, 0.2268, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 74.0922, 0.2268, 0.3179.

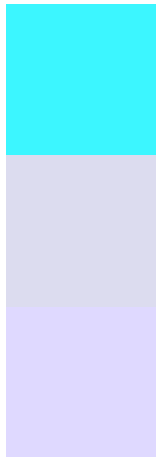


This preview shows how white text looks on a background with the Yxy color 74.0922, 0.2268, 0.3179.

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

74.0922, 0.2268, 0.3179

Protanopia

72.6340, 0.3004, 0.3087

Deuteranopia

72.5337, 0.2925, 0.2895



Tritanopia

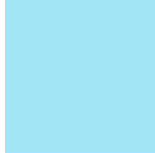
73.4650, 0.2434, 0.3101

Trichromacy



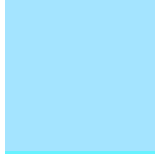
Original Color

74.0922, 0.2268, 0.3179



Protanomaly

70.3126, 0.2622, 0.3104



Deuteranomaly

70.5993, 0.2581, 0.2982



Tritanomaly

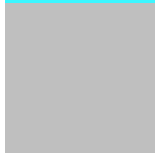
73.6078, 0.2358, 0.3134

Monochromacy



Original Color

74.0922, 0.2268, 0.3179



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

57.2832, 0.2653, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0922, 0.2268, 0.3179 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(60, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(60, 246, 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(60, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.0922, 0.2268, 0.3179 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(60, 246, 255) }
```

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

```
.border{ border-color:rgb(60, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(60, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0922, 0.2268, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 246, 255) }
```

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

```
.background{ background-color: rgb(60, 246,  
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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