

Converting Colors

$Y_{xy}(74.2951, 0.2332, 0.3159)$

Have a look what the booklet for
Yxy(74.2951, 0.2332, 0.3159)
contains.

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Color

Yxy(74.1967, 0.2332, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	5CF4FF
RGB	92, 244, 255
RGB Percent	36%, 96%, 100%
CMY	0.6394, 0.0431, 0.0001
CMYK	0.64, 0.04, 0.00, 0.00
HSL	184°, 100%, 68%
HSV	184°, 64%, 100%
XYZ	54.8073, 74.1967, 106.0188
YIQ	199.8060, -94.1230, -28.8030

Conversions

Conversions Part 2

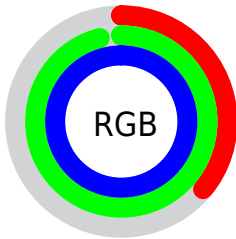
Format	Color
RYB	92, 171, 255
Decimal	6092031
CIELab	89.02, -36.48, -17.17
CIELCh	89, 40.321, 205.203
Yxy	74.1967, 0.2332, 0.3157
Android (android.graphics.Color)	4284282111 (0xFF5CF4FF)
YUV	199.8060, 27.2106, -94.5459
Hunter-Lab	86.1375, -37.1652, -12.6784

Details

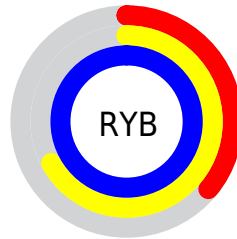
The Yxy color **74.1967, 0.2332, 0.3157** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **31.7129, 0.5138, 0.3395**, and the grayscale version is **57.5003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **39.6179, 0.2199, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **72.0732, 0.2268, 0.3134**, and if you desaturate by 10%, it is **76.7769, 0.2415, 0.3180**.

Distribution



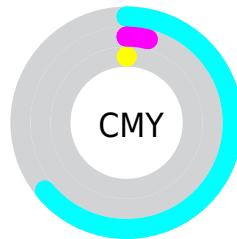
- Red (36%)
- Green (96%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1967, 0.2332, 0.3157 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 74.1967, 0.2332, 0.3157 by changing the saturation by 10% instead.

 74.1967, 0.2332,
0.3157

 74.1967, 0.2332,
0.3157


475.1520, 0.2687,
0.3230

 54.9550, 0.2254,
0.3138


 125.1746, 0.2452,
0.3184

 39.3657, 0.2160,
0.3113


 157.6796, 0.2500,
0.3194

 27.0444, 0.2044,
0.3080


 195.3746, 0.2541,
0.3203

 17.6065, 0.1898,
0.3035

238.6439, 0.2578,
0.3210

 10.6679, 0.1709,
0.2968

287.8718, 0.2610,
0.3216

 5.8440, 0.1457,
0.2864

343.4429, 0.2638,

 2.7504, 0.1114,

0.3221

0.2687

405.7415, 0.2664,
0.3226

■ 1.0029, 0.0143,
0.2479

■ 0.0000, 0.0000,
0.0000

■ 74.1967, 0.2332,
0.3157

■ 74.1967, 0.2332,
0.3157

■ 72.0732, 0.2268,
0.3134

■ 76.7769, 0.2415,
0.3180

■ 70.3517, 0.2224,
0.3111

■ 79.8455, 0.2518,
0.3203

■ 68.9782, 0.2197,
0.3088

■ 83.4408, 0.2636,
0.3225

■ 68.2658, 0.2187,
0.3074

■ 87.5949, 0.2769,
0.3246

■ 92.3375, 0.2913,
0.3265

■ 97.6959, 0.3066,
0.3283

■ 99.9984, 0.3127,
0.3290

Harmonies

Analogous

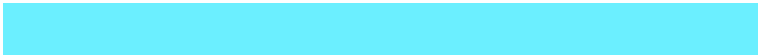
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1967, 0.2617, 0.3639



74.1967, 0.2332, 0.3157



74.1967, 0.2248, 0.2766

Triad

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



74.1967, 0.2332, 0.3157



74.1967, 0.3146, 0.2678



74.1967, 0.3911, 0.4025

Complementary

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



74.1967, 0.2332, 0.3157



31.7129, 0.5138, 0.3395

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.



74.1967, 0.4089, 0.3708



74.1967, 0.2332, 0.3157



74.1967, 0.3632, 0.2961

Square

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



74.1967, 0.2332, 0.3157



74.1967, 0.2690, 0.2531



74.1967, 0.3989, 0.3326



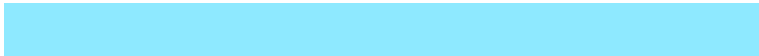
74.1967, 0.3525, 0.4165

Rectangle

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



74.1967, 0.2332, 0.3157



74.1967, 0.2309, 0.2603



74.1967, 0.3989, 0.3326



74.1967, 0.3999, 0.3932

Sweetspot

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



74.1995, 0.2332, 0.3157



89.8789, 0.2839, 0.3255



74.7536, 0.2993, 0.5252



18.9529, 0.2798, 0.3250



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.



74.1995, 0.2332, 0.3157



71.5201, 0.2252, 0.3127



35.5442, 0.2080, 0.2083



20.2598, 0.2980, 0.3273



35.7671, 0.2188, 0.3078



3.5429, 0.2196, 0.3104

Inverse Universe

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



35.4350, 0.3300, 0.1905



30.7504, 0.3336, 0.1745



56.4479, 0.4484, 0.4192



18.2780, 0.3148, 0.3071



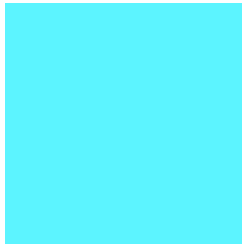
14.3387, 0.3386, 0.1639



1.4022, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 74.1967, 0.2332, 0.3157 looks on a white background.

Color Contrast Check

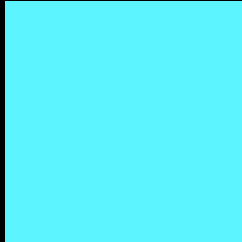
Large Text (above 18pt) WCAG AA × Fail

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 74.1967, 0.2332, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

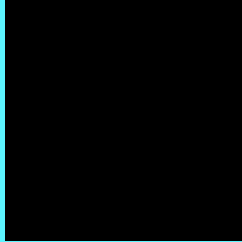
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1967, 0.2332, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 74.1967, 0.2332, 0.3157.

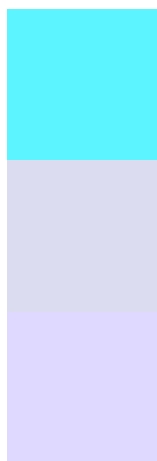


This preview shows how white text looks on a background with the Yxy color 74.1967, 0.2332, 0.3157.

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

74.1967, 0.2332, 0.3157

Protanopia

72.6933, 0.2998, 0.3077

Deuteranopia

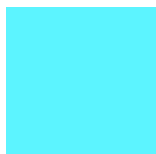
72.6930, 0.2932, 0.2895



Tritanopia

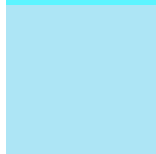
73.9395, 0.2458, 0.3103

Trichromacy



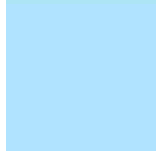
Original Color

74.1967, 0.2332, 0.3157



Protanomaly

71.5154, 0.2682, 0.3107



Deuteranomaly

71.3883, 0.2644, 0.2976



Tritanomaly

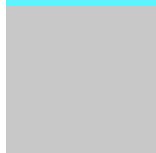
73.9821, 0.2406, 0.3124

Monochromacy



Original Color

74.1967, 0.2332, 0.3157



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

61.8561, 0.2733, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1967, 0.2332, 0.3157 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(92, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 244, 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(92, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 244, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.1967, 0.2332, 0.3157 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(92, 244, 255) }
```

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

```
.border{ border-color:rgb(92, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(92, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 244,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1967, 0.2332, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 244, 255) }
```

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

```
.background{ background-color: rgb(92, 244,  
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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