

Converting Colors

$Yxy(77.5885, 0.2097, 0.2305)$

Have a look what the booklet for
Yxy(77.5885, 0.2097, 0.2305)
contains.

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Color

Yxy(71.1034, 0.2368, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	6EEDFF
RGB	110, 237, 255
RGB Percent	43%, 93%, 100%
CMY	0.5681, 0.0706, 0.0001
CMYK	0.57, 0.07, 0.00, 0.00
HSL	187°, 100%, 72%
HSV	187°, 57%, 100%
XYZ	54.7732, 71.1034, 105.4292
YIQ	201.0790, -81.4700, -21.3260

Conversions

Conversions Part 2

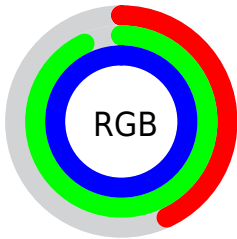
Format	Color
RYB	110, 178, 255
Decimal	7269887
CIELab	87.54, -30.19, -19.35
CIELCh	88, 35.860, 212.663
Yxy	71.1034, 0.2368, 0.3074
Android (android.graphics.Color)	4285459967 (0xFF6EEDFF)
YUV	201.0790, 26.5831, -79.8763
Hunter-Lab	84.3228, -31.6175, -15.1045

Details

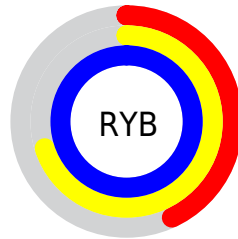
The Yxy color **71.1034, 0.2368, 0.3074** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **37.8541, 0.4751, 0.3473**, and the grayscale version is **58.3503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5107, 0.2662, 0.3289**, and **37.4320, 0.2203, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **67.8794, 0.2283, 0.3030**, and if you desaturate by 10%, it is **74.8358, 0.2472, 0.3117**.

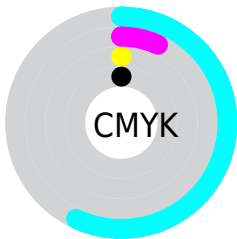
Distribution



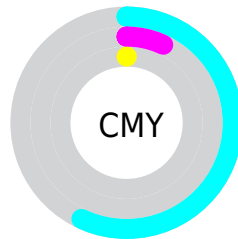
- Red (43%)
- Green (93%)
- Blue (100%)



- Red (43%)
- Yellow (70%)
- Blue (100%)



- Cyan (57%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1034, 0.2368, 0.3074 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 71.1034, 0.2368, 0.3074 by changing the saturation by 10% instead.


 71.1034, 0.2368,
0.3074

 71.1034, 0.2368,
0.3074


464.4148, 0.2710,
0.3184

 52.4266, 0.2293,
0.3047


 120.7809, 0.2484,
0.3114

 37.3452, 0.2201,
0.3012


 152.5505, 0.2530,
0.3129

 25.4749, 0.2088,
0.2966


 189.4530, 0.2570,
0.3142

 16.4312, 0.1944,
0.2904

231.8729, 0.2605,
0.3153

 9.8298, 0.1757,
0.2816

280.1947, 0.2636,
0.3162

 5.2863, 0.1506,
0.2682

334.8027, 0.2663,

 2.4162, 0.1159,

0.3171

0.2463

396.0813, 0.2688,
0.3178

0.8342, 0.0146,
0.2184

0.0000, 0.0000,
0.0000

71.1034, 0.2368,
0.3074

71.1034, 0.2368,
0.3074

67.8794, 0.2283,
0.3030

74.8358, 0.2472,
0.3117

65.1139, 0.2217,
0.2986

79.1052, 0.2592,
0.3158

62.7607, 0.2170,
0.2942

83.9476, 0.2726,
0.3198

60.7580, 0.2142,
0.2899

89.3934, 0.2870,
0.3235

60.1631, 0.2135,
0.2885

95.4707, 0.3021,
0.3269

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



71.1034, 0.2586, 0.3498



71.1034, 0.2368, 0.3074



71.1034, 0.2338, 0.2754

Triad

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



71.1034, 0.2368, 0.3074



71.1034, 0.3258, 0.2787



71.1034, 0.3766, 0.4007

Complementary

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



71.1034, 0.2368, 0.3074



37.8541, 0.4751, 0.3473

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.



71.1034, 0.3978, 0.3755



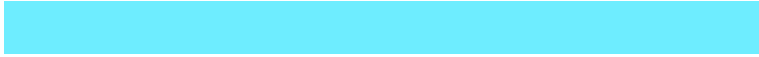
71.1034, 0.2368, 0.3074



71.1034, 0.3679, 0.3070

Square

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



71.1034, 0.2368, 0.3074



71.1034, 0.2826, 0.2618



71.1034, 0.3950, 0.3415



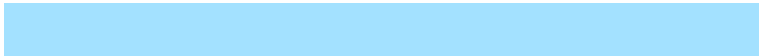
71.1034, 0.3387, 0.4071

Rectangle

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



71.1034, 0.2368, 0.3074



71.1034, 0.2425, 0.2632



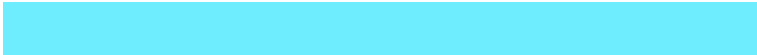
71.1034, 0.3950, 0.3415



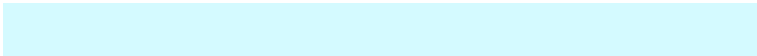
71.1034, 0.3860, 0.3938

Sweetspot

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



71.1061, 0.2368, 0.3074



89.2981, 0.2867, 0.3234



76.3650, 0.2974, 0.4933



18.8691, 0.2837, 0.3227



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.



71.1061, 0.2368, 0.3074



67.5374, 0.2274, 0.3025



37.6891, 0.2168, 0.2146



20.0737, 0.2980, 0.3260



31.5929, 0.2137, 0.2892



3.1795, 0.2151, 0.2942

Inverse Universe

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



38.5499, 0.3358, 0.2084



33.1442, 0.3413, 0.1917



63.4416, 0.4259, 0.4183



18.2592, 0.3157, 0.3084



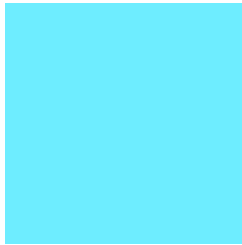
13.9173, 0.3550, 0.1730



1.3655, 0.3506, 0.1705

Previews

White Background



This preview shows how the Yxy color 71.1034, 0.2368, 0.3074 looks on a white background.

Color Contrast Check

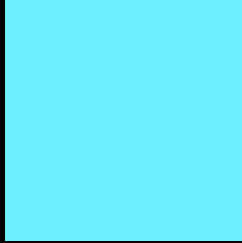
Large Text (above 18pt) WCAG AA × Fail

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 71.1034, 0.2368, 0.3074 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 71.1034, 0.2368, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 71.1034, 0.2368, 0.3074.

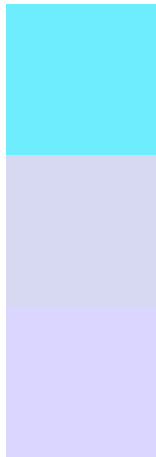


This preview shows how white text looks on a background with the Yxy color 71.1034, 0.2368, 0.3074.

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

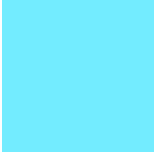
71.1034, 0.2368, 0.3074

Protanopia

69.9696, 0.2951, 0.3010

Deuteranopia

70.2186, 0.2891, 0.2859



Tritanopia

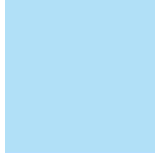
70.8557, 0.2382, 0.3063

Trichromacy



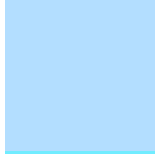
Original Color

71.1034, 0.2368, 0.3074



Protanomaly

69.3738, 0.2688, 0.3028



Deuteranomaly

69.0463, 0.2654, 0.2920



Tritanomaly

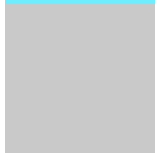
70.7216, 0.2375, 0.3062

Monochromacy



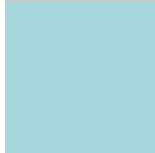
Original Color

71.1034, 0.2368, 0.3074



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

61.6384, 0.2768, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1034, 0.2368, 0.3074 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(110, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 237, 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(110, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 237, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.1034, 0.2368, 0.3074 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(110, 237, 255) }
```

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

```
.border{ border-color:rgb(110, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(110, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 237,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1034, 0.2368, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 237, 255) }
```

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

```
.background{ background-color: rgb(110,  
237, 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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