

Converting Colors

$Yxy(71.8577, 0.2481, 0.3048)$

Have a look what the booklet for
Yxy(71.8577, 0.2481, 0.3048)
contains.

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Color

Yxy(71.7284, 0.2482, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	8DEAFF
RGB	141, 234, 255
RGB Percent	55%, 92%, 100%
CMY	0.4467, 0.0824, 0.0000
CMYK	0.45, 0.08, 0.00, 0.00
HSL	191°, 100%, 78%
HSV	191°, 45%, 100%
XYZ	58.4663, 71.7284, 105.3665
YIQ	208.5870, -62.1690, -13.1850

Conversions

Conversions Part 2

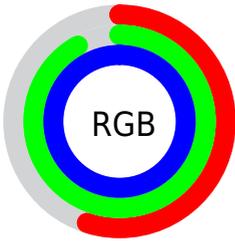
Format	Color
RYB	141, 192, 255
Decimal	9300735
CIELab	87.84, -22.34, -18.79
CIELCh	88, 29.197, 220.066
Yxy	71.7284, 0.2482, 0.3045
Android (android.graphics.Color)	4287490815 (0xFF8DEAFF)
YUV	208.5870, 22.8816, -59.2738
Hunter-Lab	84.6926, -24.9872, -14.4782

Details

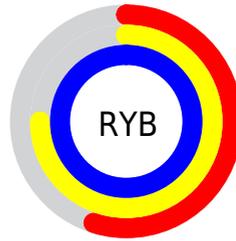
The Yxy color **71.7284, 0.2482, 0.3045** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.0553, 0.4224, 0.3513**, and the grayscale version is **63.3692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **37.7118, 0.2340, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **67.1041, 0.2367, 0.2980**, and if you desaturate by 10%, it is **76.9439, 0.2611, 0.3107**.

Distribution



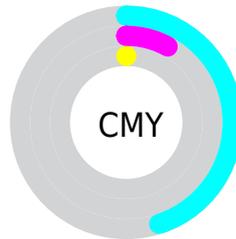
- Red (55%)
- Green (92%)
- Blue (100%)



- Red (55%)
- Yellow (75%)
- Blue (100%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7284, 0.2482, 0.3045 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 71.7284, 0.2482, 0.3045 by changing the saturation by 10% instead.

 71.7284, 0.2482,
0.3045

 71.7284, 0.2482,
0.3045

466.5957, 0.2774,
0.3165

 52.9368, 0.2417,
0.3016

 121.6703, 0.2582,
0.3088

 37.7524, 0.2339,
0.2980

 153.5894, 0.2621,
0.3104

 25.7905, 0.2241,
0.2933

190.6532, 0.2655,
0.3118

 16.6670, 0.2116,
0.2870

233.2461, 0.2684,
0.3130

 9.9974, 0.1952,
0.2782

281.7523, 0.2711,
0.3141

 5.3972, 0.1728,
0.2652

336.5564, 0.2734,

 2.4822, 0.1410,

0.3150

0.2443

398.0428, 0.2755,
0.3158

0.8677, 0.0686,
0.2131

0.0000, 0.0000,
0.0000

71.7284, 0.2482,
0.3045

71.7284, 0.2482,
0.3045

67.1041, 0.2367,
0.2980

76.9439, 0.2611,
0.3107

63.0264, 0.2269,
0.2914

82.7752, 0.2752,
0.3165

59.4571, 0.2191,
0.2846

89.2553, 0.2901,
0.3219

56.3487, 0.2132,
0.2779

96.4124, 0.3054,
0.3268

■ 53.6429, 0.2092,
0.2712

99.9997, 0.3127,
0.3290

■ 52.3220, 0.2077,
0.2677

Harmonies

Analogous

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



71.7284, 0.2628, 0.3374



71.7284, 0.2482, 0.3045



71.7284, 0.2497, 0.2810

Triad

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



71.7284, 0.2482, 0.3045



71.7284, 0.3325, 0.2927



71.7284, 0.3584, 0.3903

Complementary

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



71.7284, 0.2482, 0.3045



49.0553, 0.4224, 0.3513

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.



71.7284, 0.3794, 0.3737



71.7284, 0.2482, 0.3045



71.7284, 0.3644, 0.3181

Square

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



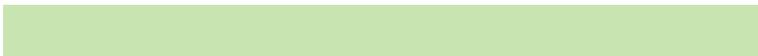
71.7284, 0.2482, 0.3045



71.7284, 0.2966, 0.2759



71.7284, 0.3819, 0.3471



71.7284, 0.3257, 0.3898

Rectangle

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



71.7284, 0.2482, 0.3045



71.7284, 0.2595, 0.2729



71.7284, 0.3819, 0.3471



71.7284, 0.3671, 0.3863

Sweetspot

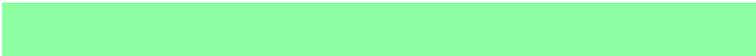
The Sweet Spot groups the original color and five complimentary colors.



71.7312, 0.2482, 0.3045



90.4080, 0.2926, 0.3228



79.7947, 0.2963, 0.4437



19.0273, 0.2893, 0.3216



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.



71.7312, 0.2482, 0.3045



67.4002, 0.2374, 0.2985



44.3950, 0.2358, 0.2336



19.8783, 0.2980, 0.3245



27.5455, 0.2080, 0.2688



2.8229, 0.2101, 0.2764

Inverse Universe

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



46.2732, 0.3362, 0.2370



39.7440, 0.3426, 0.2201



73.8077, 0.3945, 0.4080



18.2395, 0.3166, 0.3098



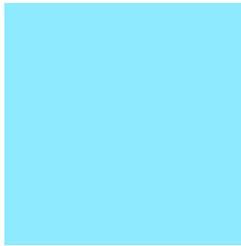
13.5087, 0.3740, 0.1834



1.3295, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 71.7284, 0.2482, 0.3045 looks on a white background.

Color Contrast Check

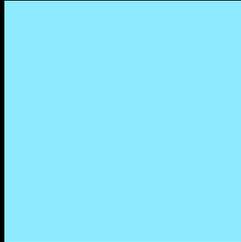
Large Text (above 18pt) WCAG AA × Fail

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 71.7284, 0.2482, 0.3045 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 71.7284, 0.2482, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 71.7284, 0.2482, 0.3045.

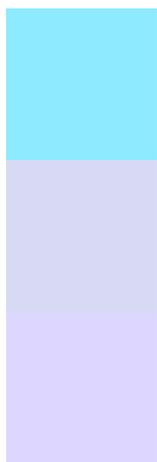


This preview shows how white text looks on a background with the Yxy color 71.7284, 0.2482, 0.3045.

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

71.7284, 0.2482, 0.3045

Protanopia

71.2734, 0.2946, 0.3012

Deuteranopia

71.1930, 0.2911, 0.2872



Tritanopia

71.6002, 0.2491, 0.3067

Trichromacy



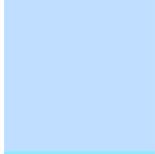
Original Color

71.7284, 0.2482, 0.3045



Protanomaly

70.9074, 0.2753, 0.3023



Deuteranomaly

70.6690, 0.2731, 0.2928



Tritanomaly

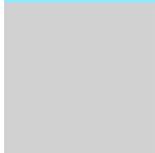
71.6641, 0.2486, 0.3056

Monochromacy



Original Color

71.7284, 0.2482, 0.3045



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.8241, 0.2844, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7284, 0.2482, 0.3045 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(141, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 234, 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(141, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.7284, 0.2482, 0.3045 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(141, 234, 255) }
```

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

```
.border{ border-color:rgb(141, 234, 255) }
```

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

Here you see how a box with a 4 pixel rgb(141, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 234,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 71.7284, 0.2482, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 234, 255) }
```

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

```
.background{ background-color: rgb(141,  
234, 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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