

Converting Colors

$Yxy(73.4226, 0.2418, 0.2724)$

Have a look what the booklet for
Yxy(73.4226, 0.2418, 0.2724)
contains.

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Color

Yxy(71.4397, 0.2546, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	9CE7FF
RGB	156, 231, 255
RGB Percent	61%, 91%, 100%
CMY	0.3880, 0.0941, 0.0000
CMYK	0.39, 0.09, 0.00, 0.00
HSL	195°, 100%, 81%
HSV	195°, 39%, 100%
XYZ	60.3469, 71.4397, 105.2396
YIQ	211.3110, -52.4040, -8.4360

Conversions

Conversions Part 2

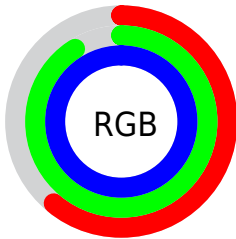
Format	Color
R _Y B	156, 199, 255
Decimal	10283007
CIE Lab	87.70, -17.23, -18.95
CIE LCh	88, 25.616, 227.724
Yxy	71.4397, 0.2546, 0.3014
Android (android.graphics.Color)	4288473087 (0xFF9CE7FF)
YUV	211.3110, 21.5387, -48.5077
Hunter-Lab	84.5220, -20.4684, -14.6575

Details

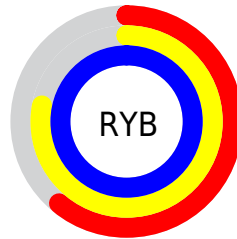
The Yxy color **71.4397, 0.2546, 0.3014** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3297, 0.4001, 0.3545**, and the grayscale version is **65.2458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **37.4465, 0.2419, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **65.7546, 0.2416, 0.2930**, and if you desaturate by 10%, it is **77.7831, 0.2688, 0.3094**.

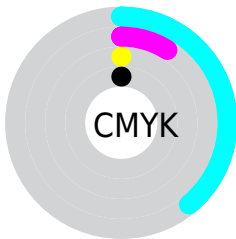
Distribution



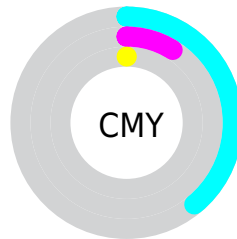
- Red (61%)
- Green (91%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4397, 0.2546, 0.3014 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 71.4397, 0.2546, 0.3014 by changing the saturation by 10% instead.

 71.4397, 0.2546,
0.3014


 71.4397, 0.2546,
0.3014


465.5890, 0.2810,
0.3147

 52.7011, 0.2487,
0.2983


 121.2596, 0.2636,
0.3061

 37.5642, 0.2416,
0.2943


 153.1097, 0.2672,
0.3079

 25.6446, 0.2326,
0.2893


190.0991, 0.2702,
0.3094

 16.5580, 0.2212,
0.2826

232.6121, 0.2729,
0.3108

 9.9198, 0.2060,
0.2734

281.0332, 0.2753,
0.3119

 5.3458, 0.1853,
0.2599

335.7469, 0.2774,

 2.4516, 0.1553,

0.3130

0.2386

397.1373, 0.2793,
0.3139

0.8522, 0.0937,
0.2052

0.0000, 0.0000,
0.0000

71.4397, 0.2546,
0.3014

71.4397, 0.2546,
0.3014

65.7546, 0.2416,
0.2930

77.7831, 0.2688,
0.3094

60.6901, 0.2300,
0.2842

84.8139, 0.2837,
0.3168

56.2084, 0.2202,
0.2752

92.5629, 0.2991,
0.3236

52.2654, 0.2123,
0.2660

100.0000, 0.3127,
0.3290

■ 48.8091, 0.2064,
0.2569

■ 45.7647, 0.2023,
0.2479

■ 45.4162, 0.2019,
0.2469

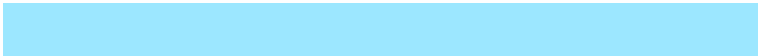
Harmonies

Analogous

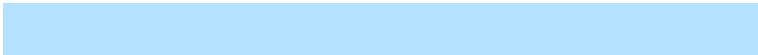
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4397, 0.2641, 0.3289



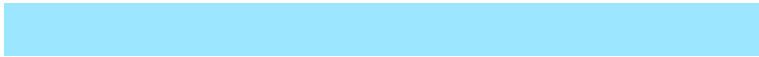
71.4397, 0.2546, 0.3014



71.4397, 0.2596, 0.2833

Triad

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



71.4397, 0.2546, 0.3014



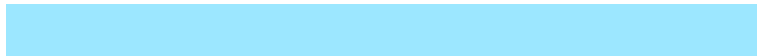
71.4397, 0.3381, 0.3021



71.4397, 0.3464, 0.3842

Complementary

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



71.4397, 0.2546, 0.3014



56.3297, 0.4001, 0.3545

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.



71.4397, 0.3680, 0.3734



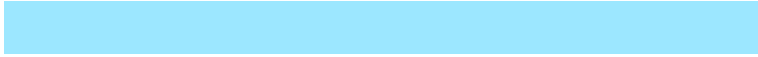
71.4397, 0.2546, 0.3014



71.4397, 0.3634, 0.3260

Square

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



71.4397, 0.2546, 0.3014



71.4397, 0.3066, 0.2848



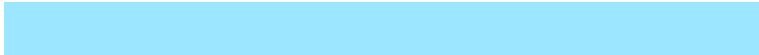
71.4397, 0.3745, 0.3518



71.4397, 0.3164, 0.3791

Rectangle

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



71.4397, 0.2546, 0.3014



71.4397, 0.2706, 0.2782



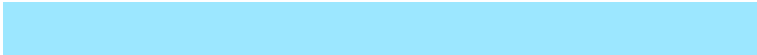
71.4397, 0.3745, 0.3518



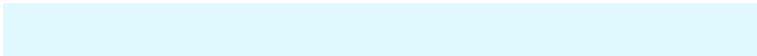
71.4397, 0.3549, 0.3822

Sweetspot

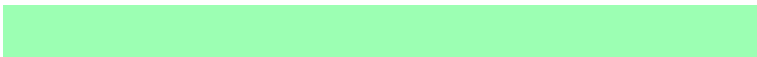
The Sweet Spot groups the original color and five complimentary colors.



71.4406, 0.2546, 0.3014



90.0052, 0.2941, 0.3215



81.8537, 0.2956, 0.4198



19.0458, 0.2921, 0.3206



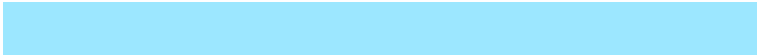
0.0000, 0.0000, 0.0000



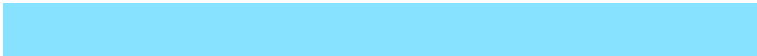
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4406, 0.2546, 0.3014



66.7325, 0.2438, 0.2946



47.9295, 0.2456, 0.2423



19.6907, 0.2980, 0.3231



23.9762, 0.2023, 0.2483



2.5044, 0.2052, 0.2586

Inverse Universe

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



50.8241, 0.3374, 0.2538



44.1164, 0.3444, 0.2387



79.4876, 0.3805, 0.4025



18.2206, 0.3175, 0.3112



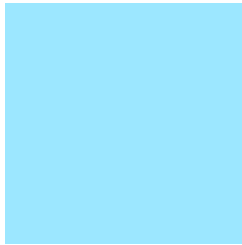
13.1484, 0.3939, 0.1943



1.2974, 0.3837, 0.1888

Previews

White Background



This preview shows how the Yxy color 71.4397, 0.2546, 0.3014 looks on a white background.

Color Contrast Check

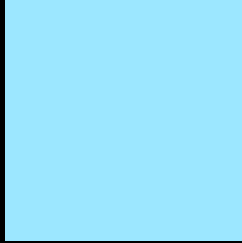
Large Text (above 18pt) WCAG AA × Fail

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 71.4397, 0.2546, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

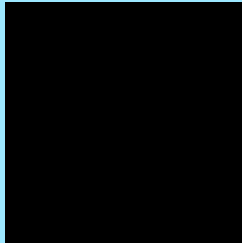
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4397, 0.2546, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 71.4397, 0.2546, 0.3014.

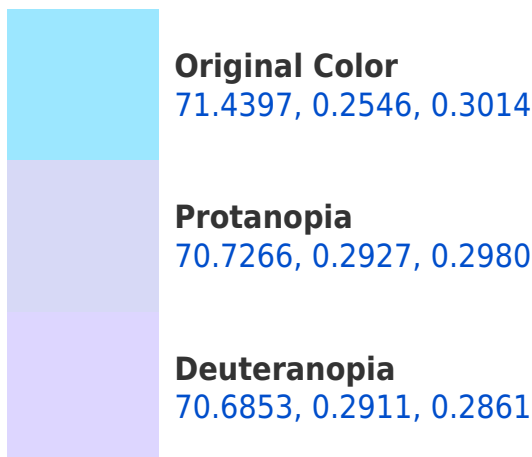


This preview shows how white text looks on a background with the Yxy color 71.4397, 0.2546, 0.3014.

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

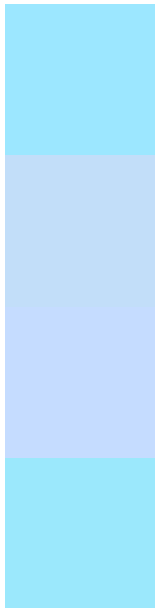




Tritanopia

71.5839, 0.2567, 0.3081

Trichromacy



Original Color

71.4397, 0.2546, 0.3014

Protanomaly

70.5514, 0.2776, 0.2992

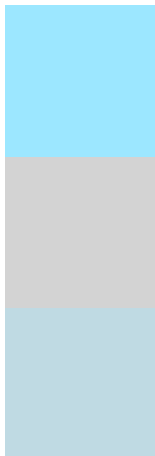
Deuteranomaly

70.2767, 0.2759, 0.2909

Tritanomaly

71.7101, 0.2557, 0.3059

Monochromacy



Original Color

71.4397, 0.2546, 0.3014

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.7652, 0.2883, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4397, 0.2546, 0.3014 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(156, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 231, 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(156, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.4397, 0.2546, 0.3014 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(156, 231, 255) }
```

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

```
.border{ border-color:rgb(156, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4397, 0.2546, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 231, 255) }
```

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

```
.background{ background-color: rgb(156,  
231, 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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