

Converting Colors

$Yxy(71.2036, 0.2571, 0.3114)$

Have a look what the booklet for
Yxy(71.2036, 0.2571, 0.3114)
contains.

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Color

Yxy(71.2009, 0.2571, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	99E8F7
RGB	153, 232, 247
RGB Percent	60%, 91%, 97%
CMY	0.4000, 0.0902, 0.0313
CMYK	0.38, 0.06, 0.00, 0.03
HSL	190°, 86%, 78%
HSV	190°, 38%, 97%
XYZ	58.7853, 71.2009, 98.6615
YIQ	210.0890, -51.8990, -12.0830

Conversions

Conversions Part 2

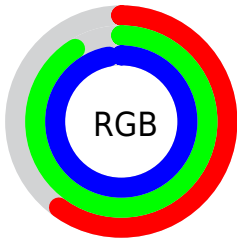
Format	Color
R _Y B	153, 196, 247
Decimal	10086647
CIE Lab	87.58, -20.47, -14.94
CIE LCh	88, 25.347, 216.128
Yxy	71.2009, 0.2571, 0.3114
Android (android.graphics.Color)	4288276727 (0xFF99E8F7)
YUV	210.0890, 18.1971, -50.0671
Hunter-Lab	84.3806, -23.3108, -10.2580

Details

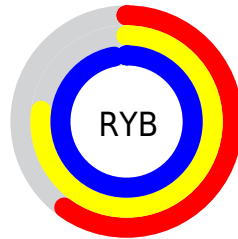
The Yxy color **71.2009, 0.2571, 0.3114** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.0962, 0.4010, 0.3456**, and the grayscale version is **64.4170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **37.3536, 0.2445, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **66.8458, 0.2449, 0.3060**, and if you desaturate by 10%, it is **76.1091, 0.2706, 0.3165**.

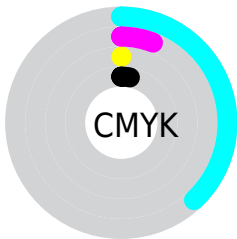
Distribution



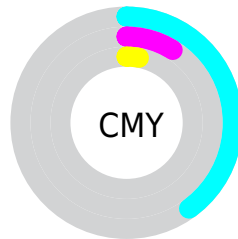
- Red (60%)
- Green (91%)
- Blue (97%)



- Red (60%)
- Yellow (77%)
- Blue (97%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (40%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2009, 0.2571, 0.3114 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 71.2009, 0.2571, 0.3114 by changing the saturation by 10% instead.

71.2009, 0.2571,
0.3114

71.2009, 0.2571,
0.3114

464.7554, 0.2824,
0.3201

52.5062, 0.2514,
0.3093

120.9197, 0.2658,
0.3145

37.4087, 0.2445,
0.3066

152.7126, 0.2692,
0.3157

25.5241, 0.2359,
0.3031

189.6404, 0.2721,
0.3167

16.4679, 0.2247,
0.2985

232.0873, 0.2747,
0.3176

9.8559, 0.2100,
0.2918

280.4379, 0.2770,
0.3183

5.3035, 0.1895,
0.2818

335.0765, 0.2790,

2.4264, 0.1596,

0.3190

0.2653

396.3876, 0.2808,
0.3196

0.8394, 0.0857,
0.2414

0.0000, 0.0000,
0.0000

71.2009, 0.2571,
0.3114

71.2009, 0.2571,
0.3114

66.8458, 0.2449,
0.3060

76.1091, 0.2706,
0.3165

63.0041, 0.2343,
0.3004

81.5905, 0.2851,
0.3213

59.6439, 0.2255,
0.2947

87.6745, 0.3002,
0.3257

56.7257, 0.2186,
0.2889

94.3857, 0.3157,
0.3298

■ 54.2032, 0.2138,
0.2831

■ 97.4352, 0.3175,
0.3335

■ 52.0127, 0.2106,
0.2774

■ 99.4971, 0.3173,
0.3366

■ 51.6087, 0.2101,
0.2763

Harmonies

Analogous

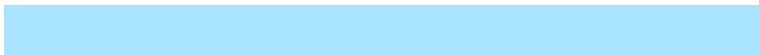
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2009, 0.2718, 0.3404



71.2009, 0.2571, 0.3114



71.2009, 0.2565, 0.2893

Triad

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



71.2009, 0.2571, 0.3114



71.2009, 0.3260, 0.2947



71.2009, 0.3558, 0.3812

Complementary

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



71.2009, 0.2571, 0.3114



50.0962, 0.4010, 0.3456

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.



71.2009, 0.3720, 0.3656



71.2009, 0.2571, 0.3114



71.2009, 0.3546, 0.3164

Square

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



71.2009, 0.2571, 0.3114



71.2009, 0.2950, 0.2811



71.2009, 0.3717, 0.3419



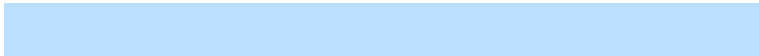
71.2009, 0.3283, 0.3826

Rectangle

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



71.2009, 0.2571, 0.3114



71.2009, 0.2640, 0.2809



71.2009, 0.3717, 0.3419



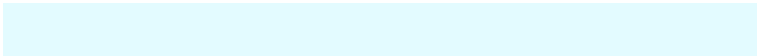
71.2009, 0.3628, 0.3773

Sweetspot

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



71.2037, 0.2571, 0.3114



92.2358, 0.2957, 0.3245



76.1052, 0.3000, 0.4276



19.5496, 0.2936, 0.3239



0.0000, 0.0000, 0.0000



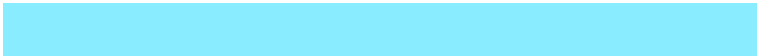
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2037, 0.2571, 0.3114



72.7346, 0.2472, 0.3071



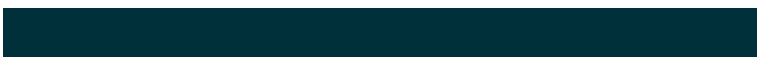
48.5711, 0.2486, 0.2544



18.2803, 0.2980, 0.3251



27.4629, 0.2104, 0.2773



2.5320, 0.2124, 0.2844

Inverse Universe

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



48.3896, 0.3299, 0.2481



45.4219, 0.3344, 0.2320



70.2330, 0.3820, 0.3934



16.7201, 0.3162, 0.3093



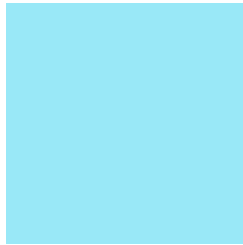
12.8718, 0.3660, 0.1790



1.1432, 0.3594, 0.1753

Previews

White Background



This preview shows how the Yxy color 71.2009, 0.2571, 0.3114 looks on a white background.

Color Contrast Check

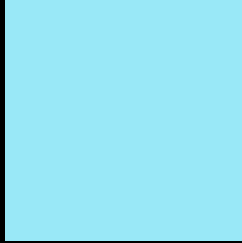
Large Text (above 18pt) WCAG AA × Fail

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 71.2009, 0.2571, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

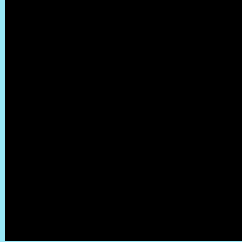
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2009, 0.2571, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 71.2009, 0.2571, 0.3114.

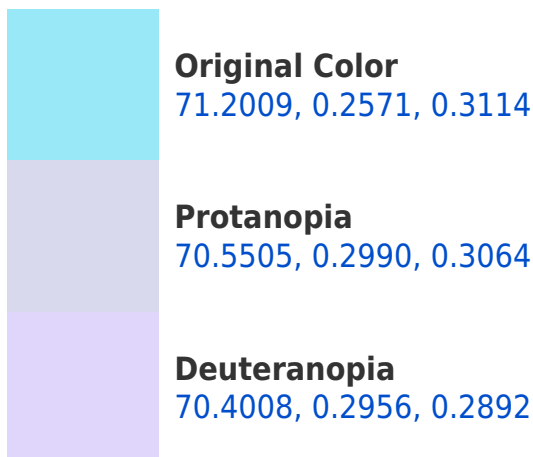


This preview shows how white text looks on a background with the Yxy color 71.2009, 0.2571, 0.3114.

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

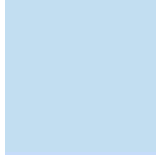
71.4854, 0.2562, 0.3081

Trichromacy



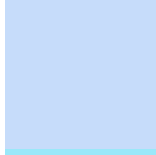
Original Color

71.2009, 0.2571, 0.3114



Protanomaly

70.0628, 0.2822, 0.3077



Deuteranomaly

70.0943, 0.2794, 0.2961



Tritanomaly

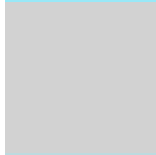
71.4228, 0.2566, 0.3092

Monochromacy



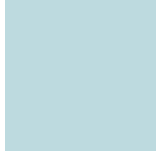
Original Color

71.2009, 0.2571, 0.3114



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.2893, 0.2894, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2009, 0.2571, 0.3114 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(153, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(153, 232, 247)  
}
```

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(153, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 232, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.2009, 0.2571, 0.3114 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(153, 232, 247) }
```

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

```
.border{ border-color:rgb(153, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(153, 232,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2009, 0.2571, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 232, 247) }
```

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

```
.background{ background-color: rgb(153,  
232, 247) }
```

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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