

Converting Colors

$Yxy(71.3729, 0.2576, 0.3027)$

Have a look what the booklet for
Yxy(71.3729, 0.2576, 0.3027)
contains.

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Color

Yxy(71.2625, 0.2579, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	A1E6FD
RGB	161, 230, 253
RGB Percent	63%, 90%, 99%
CMY	0.3684, 0.0981, 0.0077
CMYK	0.36, 0.09, 0.00, 0.01
HSL	195°, 96%, 81%
HSV	195°, 36%, 99%
XYZ	60.7356, 71.2625, 103.5025
YIQ	211.9910, -48.5070, -7.4750

Conversions

Conversions Part 2

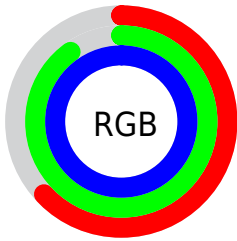
Format	Color
R _Y B	161, 200, 253
Decimal	10610429
CIE Lab	87.61, -15.94, -18.01
CIE LCh	88, 24.050, 228.483
Yxy	71.2625, 0.2579, 0.3026
Android (android.graphics.Color)	4288800509 (0xFFA1E6FD)
YUV	211.9910, 20.2174, -44.7191
Hunter-Lab	84.4171, -19.3045, -13.6026

Details

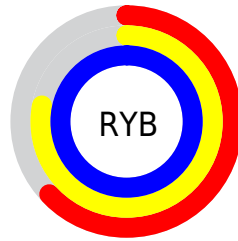
The Yxy color **71.2625, 0.2579, 0.3026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7825, 0.3923, 0.3536**, and the grayscale version is **65.7293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **37.2609, 0.2455, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **65.4326, 0.2445, 0.2940**, and if you desaturate by 10%, it is **77.7581, 0.2723, 0.3107**.

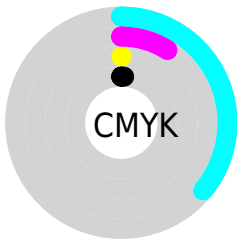
Distribution



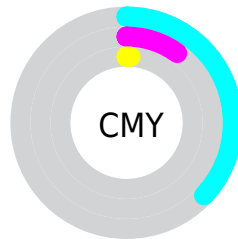
- Red (63%)
- Green (90%)
- Blue (99%)



- Red (63%)
- Yellow (78%)
- Blue (99%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





- Cyan (37%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2625, 0.2579, 0.3026 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 71.2625, 0.2579, 0.3026 by changing the saturation by 10% instead.


 71.2625, 0.2579,
0.3026


 71.2625, 0.2579,
0.3026


464.9705, 0.2828,
0.3153

 52.5564, 0.2523,
0.2996

 121.0074, 0.2664,
0.3071

 37.4488, 0.2455,
0.2959


 152.8151, 0.2698,
0.3088

 25.5552, 0.2370,
0.2911


189.7587, 0.2727,
0.3103

 16.4912, 0.2261,
0.2847

232.2227, 0.2752,
0.3115

 9.8724, 0.2116,
0.2759

280.5915, 0.2775,
0.3127

 5.3144, 0.1916,
0.2630

335.2495, 0.2795,

 2.4329, 0.1625,

0.3136

0.2426

396.5810, 0.2812,
0.3145

■ 0.8427, 0.1027,
0.2102

■ 0.0000, 0.0000,
0.0000

■ 71.2625, 0.2579,
0.3026

■ 71.2625, 0.2579,
0.3026

■ 65.4326, 0.2445,
0.2940

■ 77.7581, 0.2723,
0.3107

■ 60.2265, 0.2324,
0.2850

■ 84.9420, 0.2874,
0.3182

■ 55.6098, 0.2220,
0.2757

■ 92.8456, 0.3029,
0.3250

■ 51.5407, 0.2135,
0.2662

99.8735, 0.3139,
0.3309

■ 47.9702, 0.2070,
0.2568

■ 44.8377, 0.2025,
0.2474

■ 43.7695, 0.2011,
0.2441

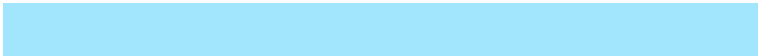
Harmonies

Analogous

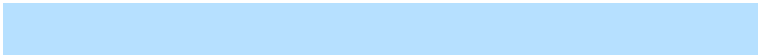
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2625, 0.2666, 0.3283



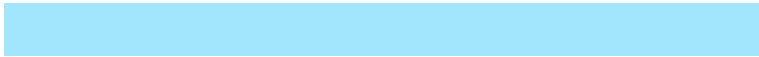
71.2625, 0.2579, 0.3026



71.2625, 0.2630, 0.2858

Triad

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



71.2625, 0.2579, 0.3026



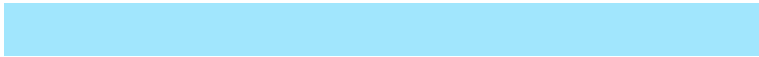
71.2625, 0.3373, 0.3041



71.2625, 0.3438, 0.3809

Complementary

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



71.2625, 0.2579, 0.3026



57.7825, 0.3923, 0.3536

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.



71.2625, 0.3643, 0.3712



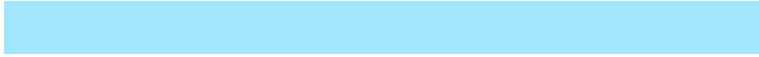
71.2625, 0.2579, 0.3026



71.2625, 0.3608, 0.3269

Square

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



71.2625, 0.2579, 0.3026



71.2625, 0.3078, 0.2876



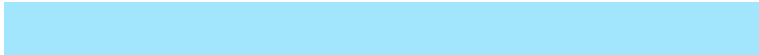
71.2625, 0.3708, 0.3512



71.2625, 0.3155, 0.3756

Rectangle

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



71.2625, 0.2579, 0.3026



71.2625, 0.2736, 0.2811



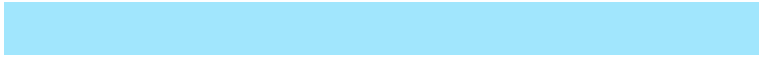
71.2625, 0.3708, 0.3512



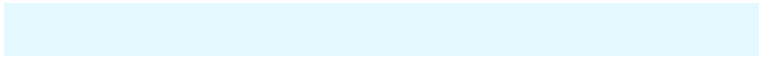
71.2625, 0.3519, 0.3792

Sweetspot

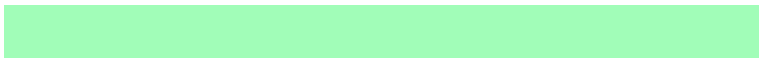
The Sweet Spot groups the original color and five complimentary colors.



71.2653, 0.2579, 0.3026



90.6618, 0.2957, 0.3219



81.3127, 0.2958, 0.4111



19.1726, 0.2936, 0.3210



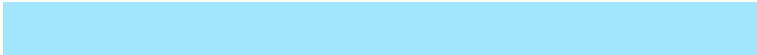
0.0000, 0.0000, 0.0000



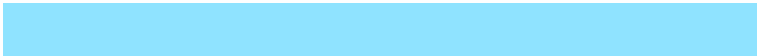
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2653, 0.2579, 0.3026



67.9240, 0.2475, 0.2961



48.9786, 0.2500, 0.2469



19.6656, 0.2980, 0.3229



23.5223, 0.2016, 0.2456



2.4635, 0.2045, 0.2562

Inverse Universe

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



52.1104, 0.3361, 0.2592



46.3853, 0.3426, 0.2449



80.0752, 0.3752, 0.3992



18.2180, 0.3177, 0.3114



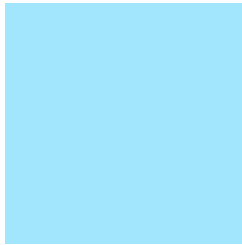
13.1026, 0.3967, 0.1959



1.2932, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 71.2625, 0.2579, 0.3026 looks on a white background.

Color Contrast Check

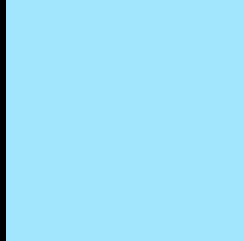
Large Text (above 18pt) WCAG AA × Fail

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 71.2625, 0.2579, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

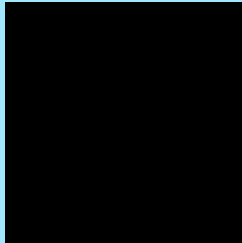
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2625, 0.2579, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 71.2625, 0.2579, 0.3026.

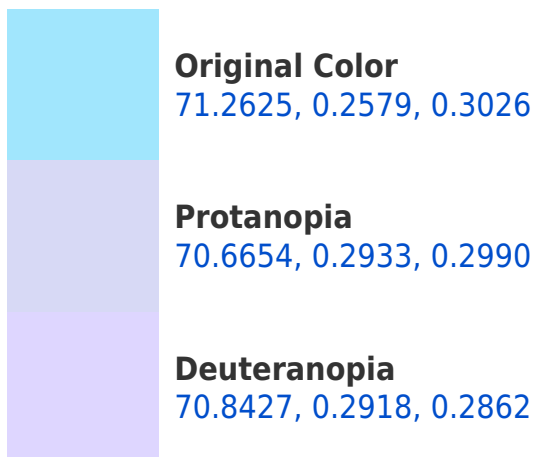


This preview shows how white text looks on a background with the Yxy color 71.2625, 0.2579, 0.3026.

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

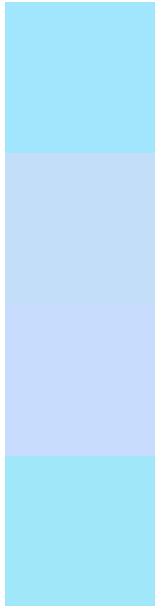




Tritanopia

71.4650, 0.2595, 0.3082

Trichromacy



Original Color

71.2625, 0.2579, 0.3026

Protanomaly

70.6220, 0.2788, 0.3003

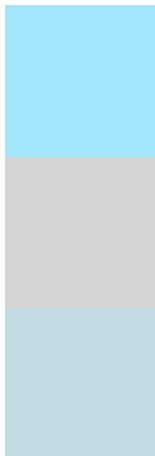
Deuteranomaly

70.6215, 0.2784, 0.2921

Tritanomaly

71.5275, 0.2590, 0.3071

Monochromacy



Original Color

71.2625, 0.2579, 0.3026

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.5465, 0.2897, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2625, 0.2579, 0.3026 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(161, 230, 253)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 253)  
}
```

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(161, 230, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 253) }
```

Border

The CSS property to change the border of an element to Yxy 71.2625, 0.2579, 0.3026 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(161, 230, 253) }
```

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

```
.border{ border-color:rgb(161, 230, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 230, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2625, 0.2579, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 253) }
```

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

```
.background{ background-color: rgb(161,  
230, 253) }
```

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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