

Converting Colors

$Yxy(72.5358, 0.2668, 0.3064)$

Have a look what the booklet for
Yxy(72.5358, 0.2668, 0.3064)
contains.

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Color

Yxy(72.6097, 0.2668, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	AFE6FA
RGB	175, 230, 250
RGB Percent	69%, 90%, 98%
CMY	0.3139, 0.0980, 0.0195
CMYK	0.30, 0.08, 0.00, 0.02
HSL	196°, 88%, 83%
HSV	196°, 30%, 98%
XYZ	63.2254, 72.6097, 101.1417
YIQ	215.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

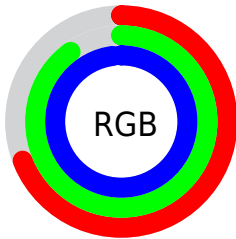
Format	Color
R _Y B	175, 207, 250
Decimal	11527930
CIE Lab	88.26, -12.93, -15.38
CIE LCh	88, 20.096, 229.947
Yxy	72.6097, 0.2668, 0.3064
Android (android.graphics.Color)	4289718010 (0xFFAFE6FA)
YUV	215.8350, 16.8433, -35.8123
Hunter-Lab	85.2113, -16.6757, -10.7264

Details

The Yxy color **72.6097, 0.2668, 0.3064** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4344, 0.3742, 0.3504**, and the grayscale version is **68.4507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **38.1602, 0.2559, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **66.3446, 0.2526, 0.2976**, and if you desaturate by 10%, it is **79.5580, 0.2818, 0.3146**.

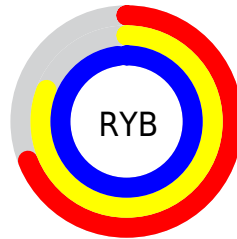
Distribution



Red (69%)

Green (90%)

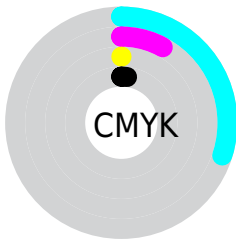
Blue (98%)



Red (69%)

Yellow (81%)

Blue (98%)

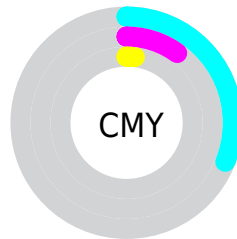


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (31%)


Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6097, 0.2668, 0.3064 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 72.6097, 0.2668, 0.3064 by changing the saturation by 10% instead.

 72.6097, 0.2668,
0.3064

 72.6097, 0.2668,
0.3064

469.6610, 0.2877,
0.3172

 53.6569, 0.2621,
0.3039


 122.9230, 0.2740,
0.3102

 38.3274, 0.2564,
0.3007


155.0522, 0.2768,
0.3116

 26.2369, 0.2492,
0.2967


192.3424, 0.2792,
0.3129

 17.0010, 0.2400,
0.2914

235.1779, 0.2813,
0.3140

 10.2352, 0.2276,
0.2841

283.9431, 0.2832,
0.3149

 5.5552, 0.2104,
0.2733

339.0224, 0.2849,

 2.5765, 0.1850,

0.3158

0.2563

400.8002, 0.2864,
0.3165

0.9149, 0.1378,
0.2277

0.0000, 0.0000,
0.0000

72.6097, 0.2668,
0.3064

72.6097, 0.2668,
0.3064

66.3446, 0.2526,
0.2976

79.5580, 0.2818,
0.3146

60.7227, 0.2394,
0.2882

87.2095, 0.2972,
0.3221

55.7129, 0.2277,
0.2784

95.5943, 0.3127,
0.3290

51.2773, 0.2177,
0.2684

99.6835, 0.3156,
0.3338

■ 47.3728, 0.2097,
0.2583

■ 43.9483, 0.2038,
0.2482

■ 40.9275, 0.1995,
0.2383

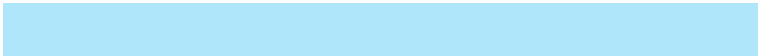
Harmonies

Analogous

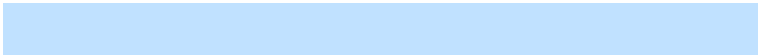
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6097, 0.2736, 0.3275



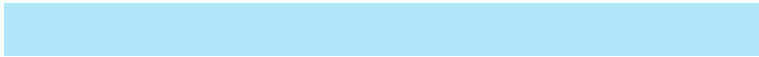
72.6097, 0.2668, 0.3064



72.6097, 0.2716, 0.2926

Triad

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



72.6097, 0.2668, 0.3064



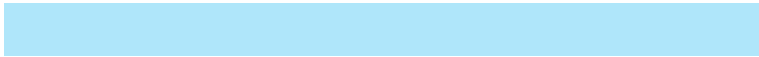
72.6097, 0.3343, 0.3091



72.6097, 0.3377, 0.3720

Complementary

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



72.6097, 0.2668, 0.3064



62.4344, 0.3742, 0.3504

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.



72.6097, 0.3550, 0.3649



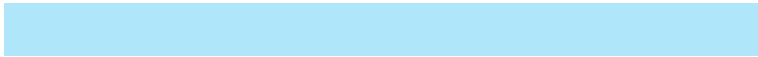
72.6097, 0.2668, 0.3064



72.6097, 0.3533, 0.3285

Square

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



72.6097, 0.2668, 0.3064



72.6097, 0.3099, 0.2948



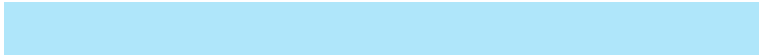
72.6097, 0.3609, 0.3487



72.6097, 0.3140, 0.3668

Rectangle

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



72.6097, 0.2668, 0.3064



72.6097, 0.2809, 0.2888



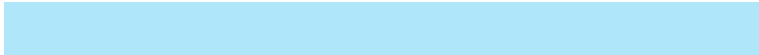
72.6097, 0.3609, 0.3487



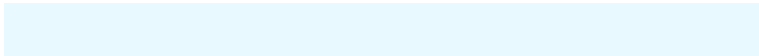
72.6097, 0.3445, 0.3709

Sweetspot

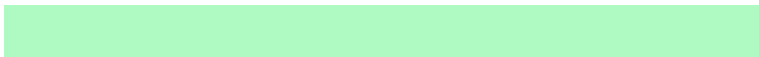
The Sweet Spot groups the original color and five complimentary colors.



72.6126, 0.2668, 0.3064



92.0631, 0.2988, 0.3229



81.3756, 0.2985, 0.3945



19.4433, 0.2965, 0.3218



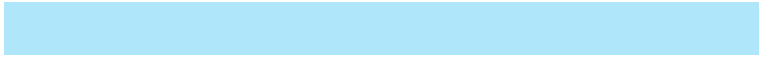
0.0000, 0.0000, 0.0000



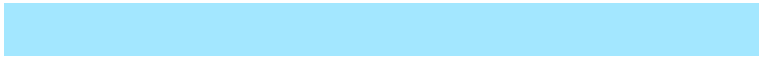
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6126, 0.2668, 0.3064



71.9175, 0.2581, 0.3012



54.4711, 0.2619, 0.2635



18.7799, 0.2980, 0.3225



21.9540, 0.2000, 0.2399



2.2073, 0.2033, 0.2518

Inverse Universe

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



56.6835, 0.3321, 0.2727



53.2685, 0.3371, 0.2612



80.7156, 0.3634, 0.3869



17.4409, 0.3179, 0.3118



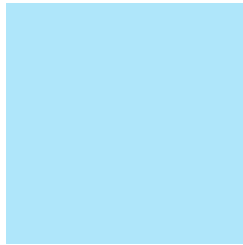
12.6272, 0.4024, 0.1990



1.1871, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 72.6097, 0.2668, 0.3064 looks on a white background.

Color Contrast Check

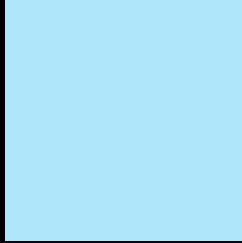
Large Text (above 18pt) WCAG AA × Fail

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 72.6097, 0.2668, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

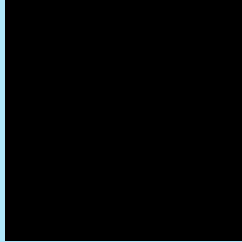
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6097, 0.2668, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 72.6097, 0.2668, 0.3064.

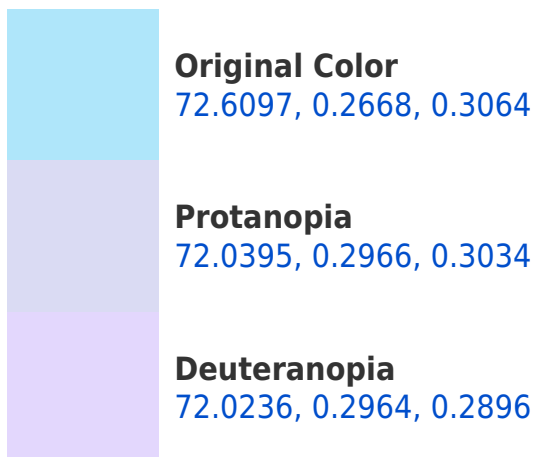


This preview shows how white text looks on a background with the Yxy color 72.6097, 0.2668, 0.3064.

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

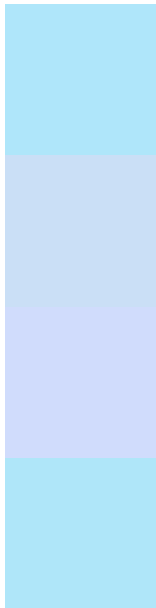




Tritanopia

72.5471, 0.2674, 0.3075

Trichromacy



Original Color

72.6097, 0.2668, 0.3064

Protanomaly

71.9857, 0.2844, 0.3039

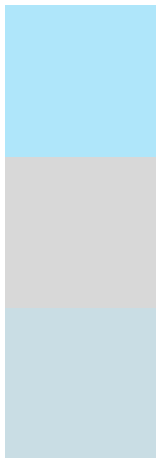
Deuteranomaly

71.6246, 0.2846, 0.2947

Tritanomaly

72.5471, 0.2674, 0.3075

Monochromacy



Original Color

72.6097, 0.2668, 0.3064

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.7318, 0.2945, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6097, 0.2668, 0.3064 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(175, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 230, 250)  
}
```

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(175, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 230, 250) }
```

Border

The CSS property to change the border of an element to Yxy 72.6097, 0.2668, 0.3064 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(175, 230, 250) }
```

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

```
.border{ border-color:rgb(175, 230, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 230, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 230,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6097, 0.2668, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 230, 250) }
```

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

```
.background{ background-color: rgb(175,  
230, 250) }
```

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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