

Converting Colors

$Yxy(73.0686, 0.2609, 0.3026)$

Have a look what the booklet for
Yxy(73.0686, 0.2609, 0.3026)
contains.

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Color

Yxy(73.2581, 0.2608, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	A8E8FF
RGB	168, 232, 255
RGB Percent	66%, 91%, 100%
CMY	0.3413, 0.0902, 0.0000
CMYK	0.34, 0.09, 0.00, 0.00
HSL	196°, 100%, 83%
HSV	196°, 34%, 100%
XYZ	63.0552, 73.2581, 105.4627
YIQ	215.4860, -45.5270, -6.4150

Conversions

Conversions Part 2

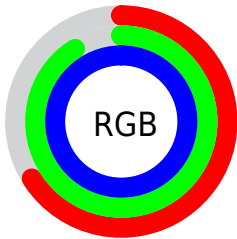
Format	Color
R _Y B	168, 205, 255
Decimal	11069695
CIE Lab	88.57, -14.66, -17.59
CIE LCh	89, 22.896, 230.194
Yxy	73.2581, 0.2608, 0.3030
Android (android.graphics.Color)	4289259775 (0xFFA8E8FF)
YUV	215.4860, 19.4804, -41.6452
Hunter-Lab	85.5909, -18.2826, -13.1417

Details

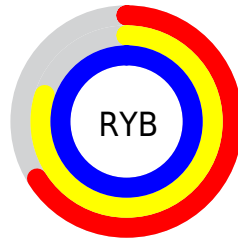
The Yxy color **73.2581, 0.2608, 0.3030** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.3307, 0.3855, 0.3533**, and the grayscale version is **68.1851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **38.6386, 0.2496, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **67.0083, 0.2470, 0.2941**, and if you desaturate by 10%, it is **80.2018, 0.2755, 0.3115**.

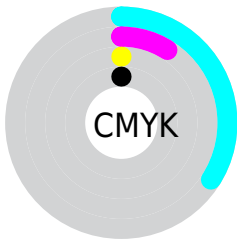
Distribution



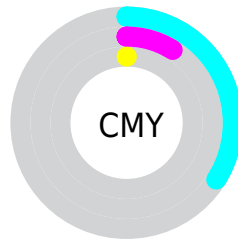
- Red (66%)
- Green (91%)
- Blue (100%)



- Red (66%)
- Yellow (80%)
- Blue (100%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2581, 0.2608, 0.3030 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 73.2581, 0.2608, 0.3030 by changing the saturation by 10% instead.


 73.2581, 0.2608,
0.3030

 73.2581, 0.2608,
0.3030

471.9089, 0.2843,
0.3154

 54.1870, 0.2556,
0.3001

 123.8435, 0.2689,
0.3074

 38.7512, 0.2492,
0.2965


156.1267, 0.2720,
0.3090

 26.5662, 0.2412,
0.2919

193.5827, 0.2748,
0.3105

 17.2477, 0.2310,
0.2858

236.5959, 0.2771,
0.3117

 10.4113, 0.2174,
0.2774

285.5508, 0.2793,
0.3128

 5.6725, 0.1987,
0.2653

340.8316, 0.2811,

 2.6470, 0.1715,

0.3138

0.2462

402.8228, 0.2828,
0.3146

0.9503, 0.1229,
0.2147

0.0000, 0.0000,
0.0000

73.2581, 0.2608,
0.3030

73.2581, 0.2608,
0.3030

67.0083, 0.2470,
0.2941

80.2018, 0.2755,
0.3115

61.4189, 0.2344,
0.2846

87.8709, 0.2908,
0.3192

56.4525, 0.2234,
0.2748

96.2943, 0.3063,
0.3263

52.0675, 0.2143,
0.2648

100.0000, 0.3127,
0.3290

■ 48.2156, 0.2072,
0.2547

■ 44.8381, 0.2020,
0.2448

■ 43.0283, 0.1997,
0.2390

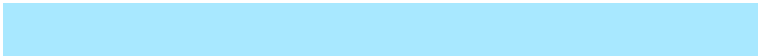
Harmonies

Analogous

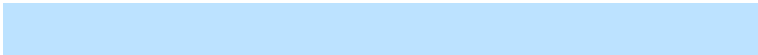
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2581, 0.2683, 0.3269



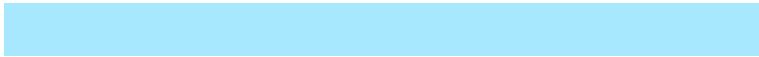
73.2581, 0.2608, 0.3030



73.2581, 0.2663, 0.2876

Triad

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



73.2581, 0.2608, 0.3030



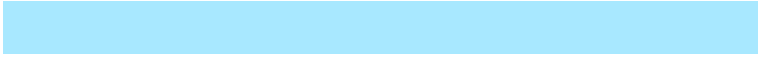
73.2581, 0.3374, 0.3066



73.2581, 0.3407, 0.3780

Complementary

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



73.2581, 0.2608, 0.3030



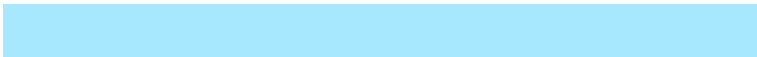
61.3307, 0.3855, 0.3533

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.



73.2581, 0.3606, 0.3698



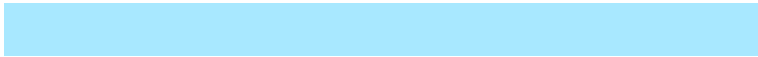
73.2581, 0.2608, 0.3030



73.2581, 0.3590, 0.3284

Square

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



73.2581, 0.2608, 0.3030



73.2581, 0.3097, 0.2905



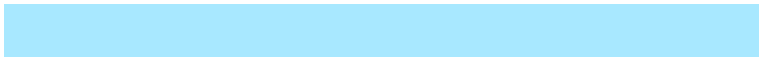
73.2581, 0.3676, 0.3513



73.2581, 0.3138, 0.3721

Rectangle

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



73.2581, 0.2608, 0.3030



73.2581, 0.2768, 0.2836



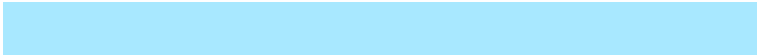
73.2581, 0.3676, 0.3513



73.2581, 0.3485, 0.3767

Sweetspot

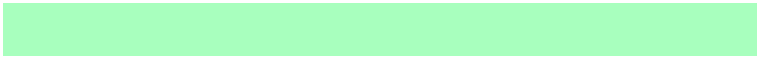
The Sweet Spot groups the original color and five complimentary colors.



73.2580, 0.2608, 0.3031



91.2570, 0.2972, 0.3222



83.5470, 0.2967, 0.4052



19.2830, 0.2950, 0.3212



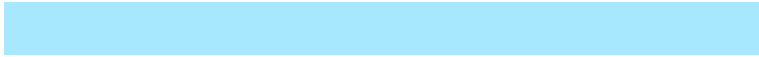
0.0000, 0.0000, 0.0000



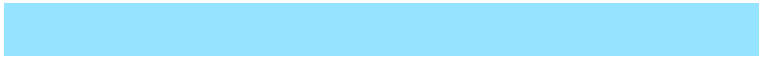
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2580, 0.2608, 0.3031



68.8920, 0.2512, 0.2969



52.2495, 0.2542, 0.2528



19.6216, 0.2980, 0.3226



22.7405, 0.2002, 0.2407



2.3930, 0.2033, 0.2520

Inverse Universe

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



55.0798, 0.3353, 0.2646



48.7835, 0.3413, 0.2517



82.5008, 0.3711, 0.3950



18.2136, 0.3179, 0.3117



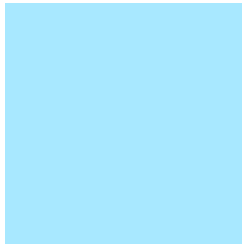
13.0236, 0.4016, 0.1986



1.2861, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 73.2581, 0.2608, 0.3030 looks on a white background.

Color Contrast Check

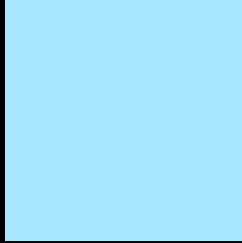
Large Text (above 18pt) WCAG AA × Fail

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 73.2581, 0.2608, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

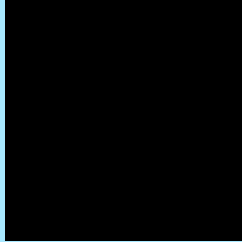
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2581, 0.2608, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 73.2581, 0.2608, 0.3030.

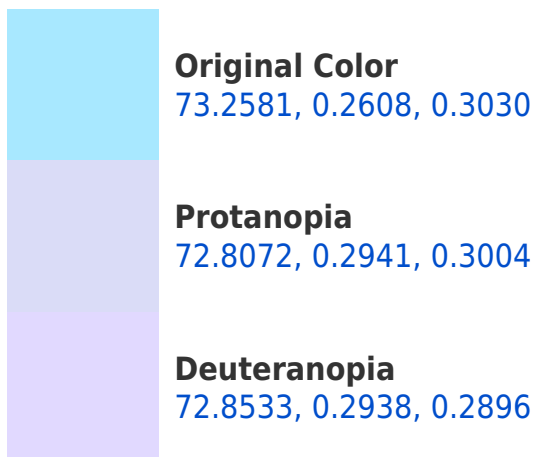


This preview shows how white text looks on a background with the Yxy color 73.2581, 0.2608, 0.3030.

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

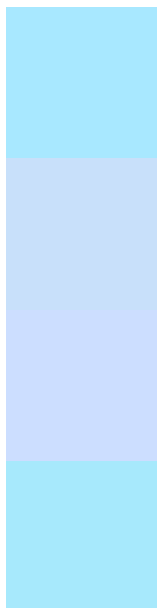




Tritanopia

73.4584, 0.2624, 0.3085

Trichromacy



Original Color

73.2581, 0.2608, 0.3030

Protanomaly

72.4928, 0.2809, 0.3007

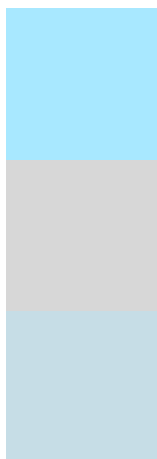
Deuteranomaly

72.2999, 0.2804, 0.2935

Tritanomaly

73.5216, 0.2620, 0.3074

Monochromacy



Original Color

73.2581, 0.2608, 0.3030

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.4318, 0.2912, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2581, 0.2608, 0.3030 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(168, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 232, 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(168, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.2581, 0.2608, 0.3030 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(168, 232, 255) }
```

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

```
.border{ border-color:rgb(168, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2581, 0.2608, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 232, 255) }
```

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

```
.background{ background-color: rgb(168,  
232, 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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