

Converting Colors

$Yxy(72.9029, 0.2605, 0.3125)$

Have a look what the booklet for
Yxy(72.9029, 0.2605, 0.3125)
contains.

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Color

Yxy(73.0965, 0.2605, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	A0EAF8
RGB	160, 234, 248
RGB Percent	63%, 92%, 97%
CMY	0.3723, 0.0824, 0.0274
CMYK	0.35, 0.06, 0.00, 0.03
HSL	190°, 86%, 80%
HSV	190°, 35%, 97%
XYZ	60.8748, 73.0965, 99.7132
YIQ	213.4700, -48.5980, -11.3340

Conversions

Conversions Part 2

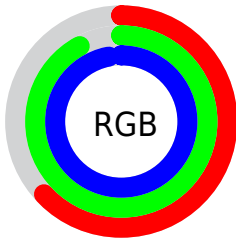
Format	Color
R _{YB}	160, 200, 248
Decimal	10545912
CIE Lab	88.49, -19.41, -14.06
CIE LCh	88, 23.968, 215.913
Yxy	73.0965, 0.2605, 0.3128
Android (android.graphics.Color)	4288735992 (0xFFA0EAF8)
YUV	213.4700, 17.0233, -46.8932
Hunter-Lab	85.4965, -22.5241, -9.3014

Details

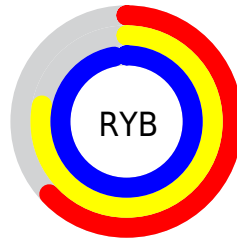
The Yxy color **73.0965, 0.2605, 0.3128** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.8071, 0.3927, 0.3444**, and the grayscale version is **66.7908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **38.5896, 0.2483, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **68.5656, 0.2479, 0.3075**, and if you desaturate by 10%, it is **78.1933, 0.2743, 0.3178**.

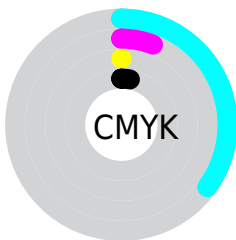
Distribution



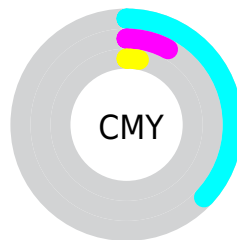
- Red (63%)
- Green (92%)
- Blue (97%)



- Red (63%)
- Yellow (78%)
- Blue (97%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)




- Cyan (37%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0965, 0.2605, 0.3128 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 73.0965, 0.2605, 0.3128 by changing the saturation by 10% instead.


 73.0965, 0.2605,
0.3128

 73.0965, 0.2605,
0.3128


471.3492, 0.2842,
0.3208

 54.0549, 0.2552,
0.3109


 123.6142, 0.2686,
0.3156

 38.6455, 0.2488,
0.3085

 155.8591, 0.2718,
0.3167

 26.4841, 0.2407,
0.3053


193.2738, 0.2746,
0.3177

 17.1861, 0.2303,
0.3011

236.2428, 0.2770,
0.3184

 10.3673, 0.2166,
0.2951

285.1504, 0.2791,
0.3191

 5.6432, 0.1975,
0.2862

340.3811, 0.2810,

 2.6293, 0.1696,

0.3197

0.2715

402.3192, 0.2827,
0.3203

■ 0.9414, 0.1108,
0.2485

■ 0.0000, 0.0000,
0.0000

■ 73.0965, 0.2605,
0.3128

■ 73.0965, 0.2605,
0.3128

■ 68.5656, 0.2479,
0.3075

■ 78.1933, 0.2743,
0.3178

■ 64.5612, 0.2369,
0.3019

■ 83.8756, 0.2890,
0.3225

■ 61.0520, 0.2276,
0.2962

■ 90.1725, 0.3042,
0.3268

■ 57.9998, 0.2203,
0.2905

■ 96.2880, 0.3171,
0.3307

■ 55.3597, 0.2149,
0.2847

■ 98.7685, 0.3168,
0.3345

■ 53.0765, 0.2113,
0.2790

■ 99.5578, 0.3168,
0.3357

■ 52.1198, 0.2101,
0.2765

Harmonies

Analogous

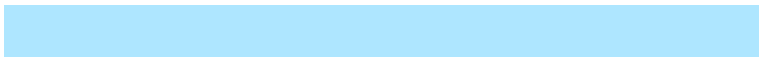
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0965, 0.2745, 0.3400



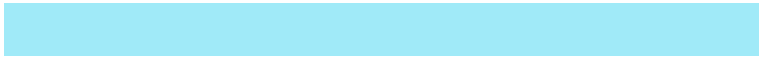
73.0965, 0.2605, 0.3128



73.0965, 0.2598, 0.2919

Triad

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



73.0965, 0.2605, 0.3128



73.0965, 0.3250, 0.2966



73.0965, 0.3533, 0.3779

Complementary

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



73.0965, 0.2605, 0.3128



52.8071, 0.3927, 0.3444

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.



73.0965, 0.3684, 0.3634



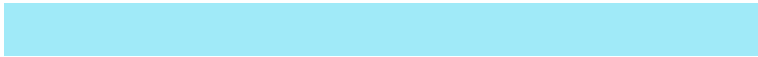
73.0965, 0.2605, 0.3128



73.0965, 0.3518, 0.3170

Square

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



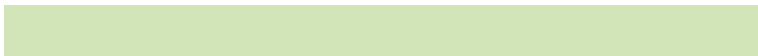
73.0965, 0.2605, 0.3128



73.0965, 0.2959, 0.2839



73.0965, 0.3679, 0.3411



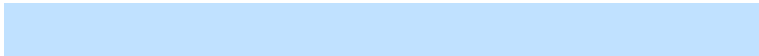
73.0965, 0.3276, 0.3791

Rectangle

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



73.0965, 0.2605, 0.3128



73.0965, 0.2668, 0.2839



73.0965, 0.3679, 0.3411



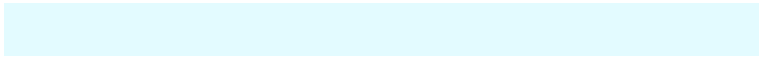
73.0965, 0.3598, 0.3743

Sweetspot

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



73.0994, 0.2605, 0.3128



92.2428, 0.2957, 0.3245



77.6488, 0.3008, 0.4197



19.5512, 0.2936, 0.3239



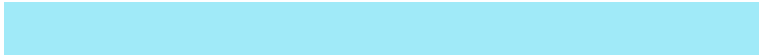
0.0000, 0.0000, 0.0000



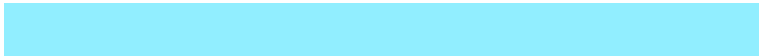
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0994, 0.2605, 0.3128



74.1414, 0.2508, 0.3088



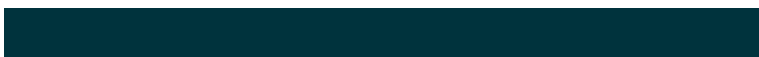
51.4564, 0.2533, 0.2604



19.1096, 0.2980, 0.3251



28.3261, 0.2104, 0.2774



2.7457, 0.2123, 0.2842

Inverse Universe

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



51.0658, 0.3284, 0.2535



47.7628, 0.3326, 0.2379



72.2441, 0.3766, 0.3890



17.4742, 0.3162, 0.3093



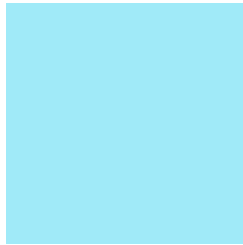
13.2704, 0.3659, 0.1789



1.2414, 0.3596, 0.1755

Previews

White Background



This preview shows how the Yxy color 73.0965, 0.2605, 0.3128 looks on a white background.

Color Contrast Check

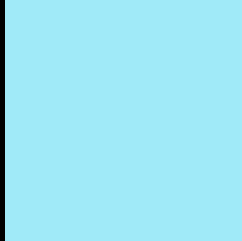
Large Text (above 18pt) WCAG AA × Fail

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 73.0965, 0.2605, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

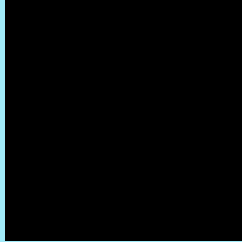
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0965, 0.2605, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 73.0965, 0.2605, 0.3128.

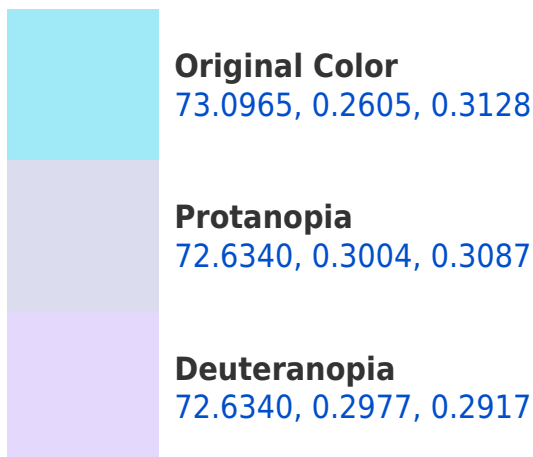


This preview shows how white text looks on a background with the Yxy color 73.0965, 0.2605, 0.3128.

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

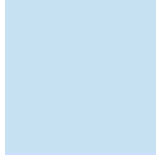
72.8832, 0.2589, 0.3072

Trichromacy



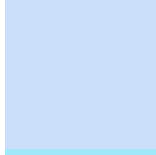
Original Color

73.0965, 0.2605, 0.3128



Protanomaly

72.2670, 0.2843, 0.3102



Deuteranomaly

72.4369, 0.2822, 0.2987



Tritanomaly

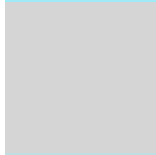
72.8199, 0.2594, 0.3083

Monochromacy



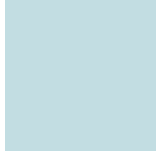
Original Color

73.0965, 0.2605, 0.3128



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.6732, 0.2910, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0965, 0.2605, 0.3128 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(160, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 234, 248)  
}
```

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(160, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 234, 248) }
```

Border

The CSS property to change the border of an element to Yxy 73.0965, 0.2605, 0.3128 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(160, 234, 248) }
```

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

```
.border{ border-color:rgb(160, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 234,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0965, 0.2605, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 234, 248) }
```

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

```
.background{ background-color: rgb(160,  
234, 248) }
```

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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