

Converting Colors

$Yxy(73.7605, 0.2765, 0.3105)$

Have a look what the booklet for
Yxy(73.7605, 0.2765, 0.3105)
contains.

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Color

Yxy(73.9388, 0.2764, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	BCE6F6
RGB	188, 230, 246
RGB Percent	74%, 90%, 96%
CMY	0.2627, 0.0980, 0.0354
CMYK	0.24, 0.06, 0.00, 0.04
HSL	197°, 76%, 85%
HSV	197°, 24%, 96%
XYZ	65.6706, 73.9388, 97.9832
YIQ	219.2660, -30.1680, -3.9280

Conversions

Conversions Part 2

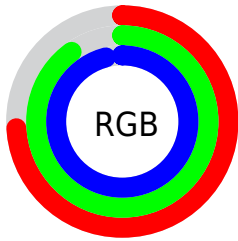
Format	Color
R _Y B	188, 212, 246
Decimal	12379894
CIE Lab	88.89, -10.10, -12.24
CIE LCh	89, 15.870, 230.466
Yxy	73.9388, 0.2764, 0.3112
Android (android.graphics.Color)	4290569974 (0xFFBCE6F6)
YUV	219.2660, 13.1799, -27.4203
Hunter-Lab	85.9877, -14.1543, -7.3697

Details

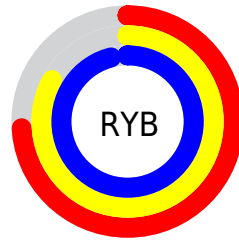
The Yxy color **73.9388, 0.2764, 0.3112** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.4046, 0.3579, 0.3461**, and the grayscale version is **70.9582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.0581, 0.2682, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **67.3781, 0.2616, 0.3025**, and if you desaturate by 10%, it is **81.1848, 0.2917, 0.3192**.

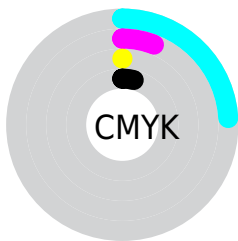
Distribution



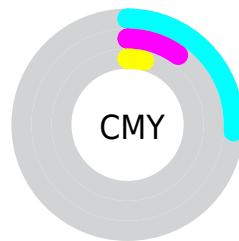
- Red (74%)
- Green (90%)
- Blue (96%)



- Red (74%)
- Yellow (83%)
- Blue (96%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9388, 0.2764, 0.3112 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 73.9388, 0.2764, 0.3112 by changing the saturation by 10% instead.

73.9388, 0.2764,
0.3112

73.9388, 0.2764,
0.3112

474.2621, 0.2930,
0.3196

54.7439, 0.2727,
0.3092

124.8090, 0.2821,
0.3141

39.1968, 0.2681,
0.3068

157.2532, 0.2843,
0.3153

26.9128, 0.2624,
0.3037

194.8827, 0.2862,
0.3163

17.5078, 0.2550,
0.2996

238.0817, 0.2879,
0.3171

10.5972, 0.2451,
0.2939

287.2348, 0.2894,
0.3179

5.7967, 0.2312,
0.2857

342.7263, 0.2907,

2.7218, 0.2103,

0.3185

0.2725

404.9406, 0.2919,
0.3191

0.9883, 0.1740,
0.2495

0.0000, 0.0000,
0.0000

73.9388, 0.2764,
0.3112

73.9388, 0.2764,
0.3112

67.3781, 0.2616,
0.3025

81.1848, 0.2917,
0.3192

61.4649, 0.2476,
0.2931

89.1337, 0.3072,
0.3266

56.1713, 0.2348,
0.2833

96.4987, 0.3182,
0.3332

51.4633, 0.2236,
0.2730

99.4327, 0.3179,
0.3376

■ 47.3026, 0.2141,
0.2626

■ 43.6454, 0.2067,
0.2521

■ 40.4386, 0.2013,
0.2417

■ 38.5634, 0.1986,
0.2351

Harmonies

Analogous

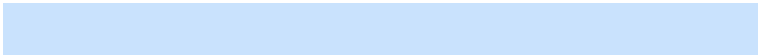
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9388, 0.2817, 0.3277



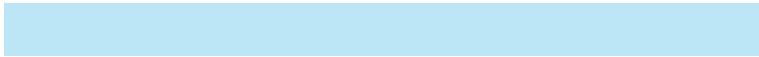
73.9388, 0.2764, 0.3112



73.9388, 0.2804, 0.3002

Triad

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



73.9388, 0.2764, 0.3112



73.9388, 0.3300, 0.3135



73.9388, 0.3321, 0.3626

Complementary

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



73.9388, 0.2764, 0.3112



66.4046, 0.3579, 0.3461

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.



73.9388, 0.3458, 0.3575



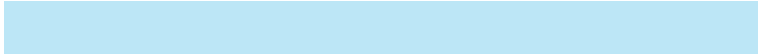
73.9388, 0.2764, 0.3112



73.9388, 0.3446, 0.3291

Square

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



73.9388, 0.2764, 0.3112



73.9388, 0.3110, 0.3020



73.9388, 0.3505, 0.3451



73.9388, 0.3136, 0.3582

Rectangle

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



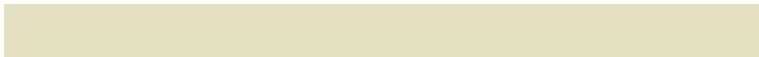
73.9388, 0.2764, 0.3112



73.9388, 0.2879, 0.2972



73.9388, 0.3505, 0.3451



73.9388, 0.3375, 0.3619

Sweetspot

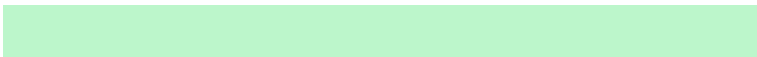
The Sweet Spot groups the original color and five complimentary colors.



73.9418, 0.2764, 0.3112



93.6710, 0.3019, 0.3241



80.9284, 0.3009, 0.3773



19.9365, 0.3009, 0.3237



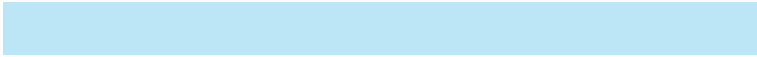
0.0000, 0.0000, 0.0000



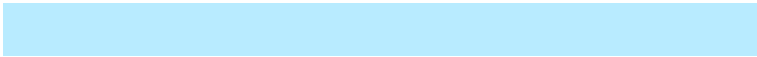
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9418, 0.2764, 0.3112



76.9601, 0.2697, 0.3074



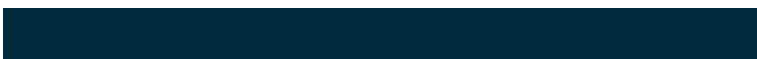
59.3728, 0.2737, 0.2783



17.9402, 0.2980, 0.3223



20.8340, 0.1991, 0.2368



2.0025, 0.2027, 0.2497

Inverse Universe

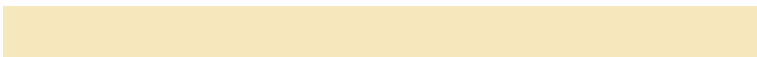
The Inverse Universe completely reimagines the original color for something new.



61.2767, 0.3275, 0.2856



61.3916, 0.3310, 0.2771



81.1917, 0.3513, 0.3750



16.6858, 0.3180, 0.3120



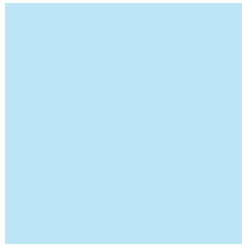
12.2026, 0.4056, 0.2008



1.0898, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 73.9388, 0.2764, 0.3112 looks on a white background.

Color Contrast Check

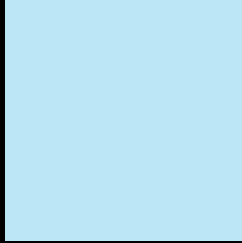
Large Text (above 18pt) WCAG AA × Fail

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 73.9388, 0.2764, 0.3112 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 73.9388, 0.2764, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 73.9388, 0.2764, 0.3112.

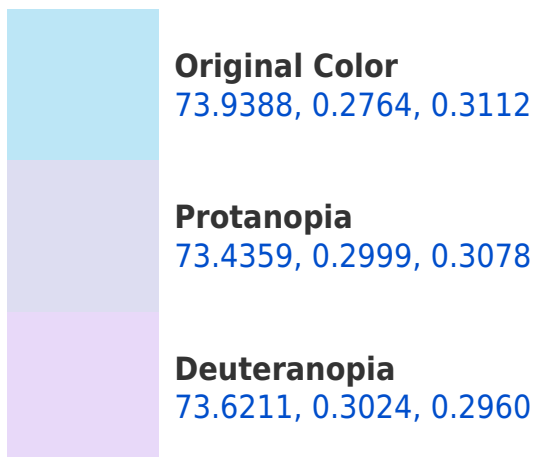


This preview shows how white text looks on a background with the Yxy color 73.9388, 0.2764, 0.3112.

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

74.0623, 0.2753, 0.3090

Trichromacy



Original Color

73.9388, 0.2764, 0.3112

Protanomaly

73.3377, 0.2907, 0.3084

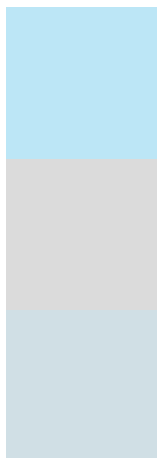
Deuteranomaly

73.6188, 0.2922, 0.3014

Tritanomaly

74.0004, 0.2758, 0.3101

Monochromacy



Original Color

73.9388, 0.2764, 0.3112

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8424, 0.2986, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9388, 0.2764, 0.3112 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(188, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(188, 230, 246)  
}
```

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(188, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.9388, 0.2764, 0.3112 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(188, 230, 246) }
```

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

```
.border{ border-color:rgb(188, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(188, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9388, 0.2764, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 230, 246) }
```

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

```
.background{ background-color: rgb(188,  
230, 246) }
```

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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