

Converting Colors

$Yxy(74.2970, 0.2779, 0.3108)$

Have a look what the booklet for
Yxy(74.2970, 0.2779, 0.3108)
contains.

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Color

Yxy(74.3238, 0.2782, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	BFE6F6
RGB	191, 230, 246
RGB Percent	75%, 90%, 96%
CMY	0.2508, 0.0980, 0.0354
CMYK	0.22, 0.06, 0.00, 0.04
HSL	197°, 75%, 86%
HSV	197°, 22%, 96%
XYZ	66.4211, 74.3238, 98.0081
YIQ	220.1630, -28.3800, -3.2920

Conversions

Conversions Part 2

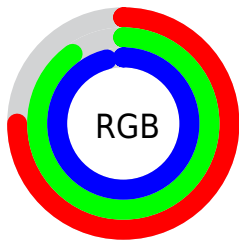
Format	Color
R _Y B	191, 214, 246
Decimal	12576502
CIE Lab	89.08, -9.21, -11.94
CIE LCh	89, 15.080, 232.368
Yxy	74.3238, 0.2782, 0.3113
Android (android.graphics.Color)	4290766582 (0xFFBFE6F6)
YUV	220.1630, 12.7376, -25.5760
Hunter-Lab	86.2113, -13.3452, -7.0552

Details

The Yxy color **74.3238, 0.2782, 0.3113** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.9841, 0.3549, 0.3460**, and the grayscale version is **71.6200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.3082, 0.2703, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **67.5005, 0.2632, 0.3022**, and if you desaturate by 10%, it is **81.8520, 0.2936, 0.3197**.

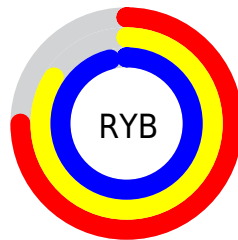
Distribution



Red (75%)

Green (90%)

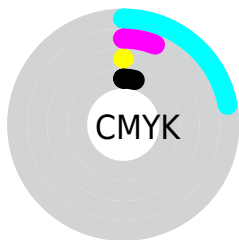
Blue (96%)



Red (75%)

Yellow (84%)

Blue (96%)

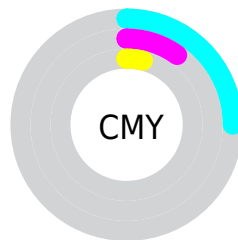


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3238, 0.2782, 0.3113 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 74.3238, 0.2782, 0.3113 by changing the saturation by 10% instead.

■ 74.3238, 0.2782,
0.3113

■ 74.3238, 0.2782,
0.3113

■ 475.5902, 0.2939,
0.3196

■ 55.0591, 0.2747,
0.3094

■ 125.3547, 0.2836,
0.3142

■ 39.4490, 0.2703,
0.3070

■ 157.8897, 0.2857,
0.3153

■ 27.1092, 0.2649,
0.3039

■ 195.6169, 0.2876,
0.3163

■ 17.6553, 0.2579,
0.2999

■ 238.9208, 0.2892,
0.3172

■ 10.7028, 0.2484,
0.2943

■ 288.1856, 0.2906,
0.3179

■ 5.8673, 0.2352,
0.2862

■ 343.7959, 0.2918,

■ 2.7646, 0.2153,

0.3185

0.2735

406.1359, 0.2929,
0.3191

1.0101, 0.1813,
0.2509

0.0000, 0.0000,
0.0000

74.3238, 0.2782,
0.3113

74.3238, 0.2782,
0.3113

67.5005, 0.2632,
0.3022

81.8520, 0.2936,
0.3197

61.3445, 0.2489,
0.2923

90.1028, 0.3091,
0.3273

55.8277, 0.2358,
0.2820

97.1911, 0.3182,
0.3343

50.9162, 0.2241,
0.2712

99.4319, 0.3179,
0.3376

■ 46.5722, 0.2142,
0.2601

■ 42.7522, 0.2063,
0.2489

■ 39.4043, 0.2005,
0.2379

■ 37.0969, 0.1971,
0.2296

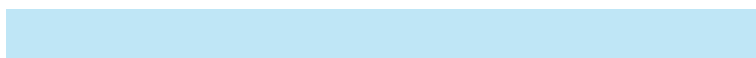
Harmonies

Analogous

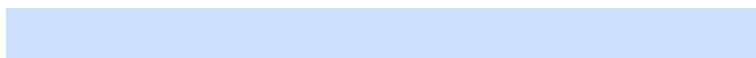
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3238, 0.2827, 0.3267



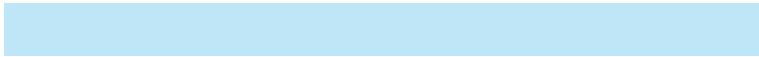
74.3238, 0.2782, 0.3113



74.3238, 0.2826, 0.3013

Triad

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



74.3238, 0.2782, 0.3113



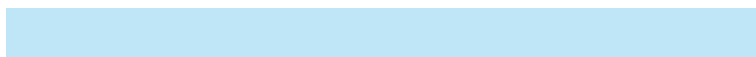
74.3238, 0.3302, 0.3152



74.3238, 0.3301, 0.3609

Complementary

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



74.3238, 0.2782, 0.3113



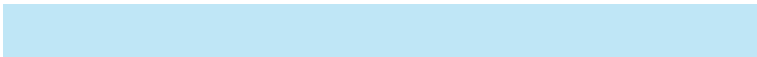
67.9841, 0.3549, 0.3460

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.



74.3238, 0.3435, 0.3566



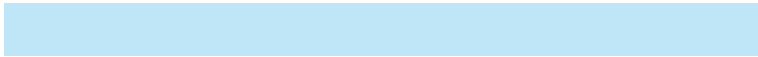
74.3238, 0.2782, 0.3113



74.3238, 0.3436, 0.3301

Square

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



74.3238, 0.2782, 0.3113



74.3238, 0.3123, 0.3039



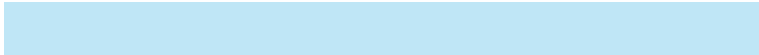
74.3238, 0.3485, 0.3452



74.3238, 0.3124, 0.3561

Rectangle

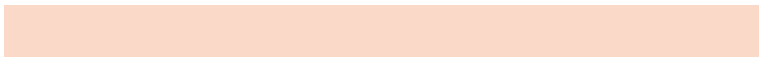
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



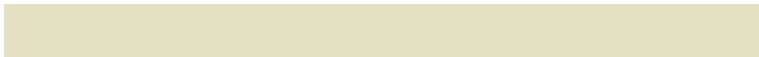
74.3238, 0.2782, 0.3113



74.3238, 0.2900, 0.2987



74.3238, 0.3485, 0.3452



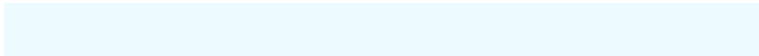
74.3238, 0.3353, 0.3604

Sweetspot

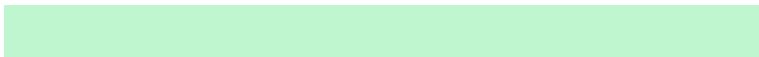
The Sweet Spot groups the original color and five complimentary colors.



74.3268, 0.2782, 0.3113



93.5033, 0.3019, 0.3239



81.4608, 0.3010, 0.3734



19.8976, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



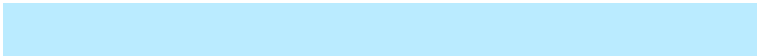
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3268, 0.2782, 0.3113



77.0830, 0.2710, 0.3071



60.4200, 0.2759, 0.2803



17.8961, 0.2980, 0.3220



20.0599, 0.1976, 0.2314



1.9395, 0.2014, 0.2451

Inverse Universe

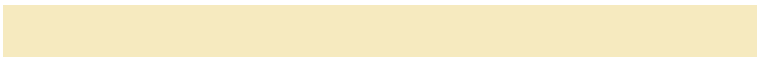
The Inverse Universe completely reimagines the original color for something new.



62.5814, 0.3273, 0.2888



62.4380, 0.3310, 0.2800



82.2358, 0.3490, 0.3734



16.6813, 0.3183, 0.3124



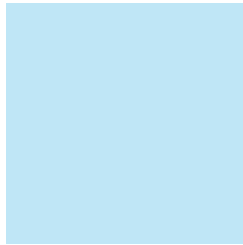
12.1244, 0.4112, 0.2039



1.0834, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 74.3238, 0.2782, 0.3113 looks on a white background.

Color Contrast Check

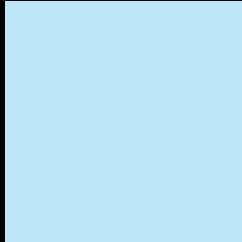
Large Text (above 18pt) WCAG AA × Fail

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 74.3238, 0.2782, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

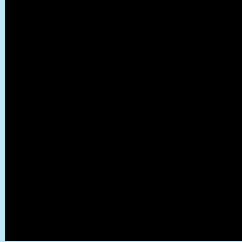
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3238, 0.2782, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 74.3238, 0.2782, 0.3113.

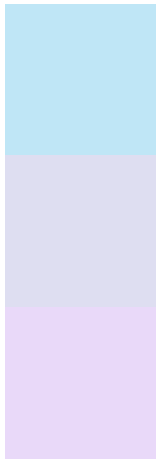


This preview shows how white text looks on a background with the Yxy color 74.3238, 0.2782, 0.3113.

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



Original Color

74.3238, 0.2782, 0.3113

Protanopia

74.1230, 0.3005, 0.3089

Deuteranopia

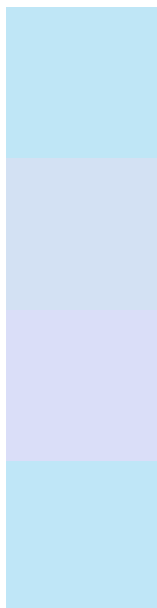
73.7889, 0.3030, 0.2961



Tritanopia

74.4473, 0.2771, 0.3091

Trichromacy



Original Color

74.3238, 0.2782, 0.3113

Protanomaly

74.1704, 0.2921, 0.3096

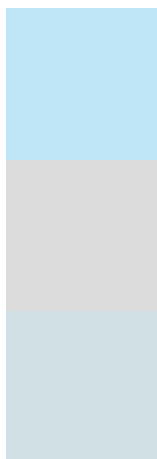
Deuteranomaly

73.9253, 0.2936, 0.3015

Tritanomaly

74.3854, 0.2776, 0.3102

Monochromacy



Original Color

74.3238, 0.2782, 0.3113

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5238, 0.2992, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3238, 0.2782, 0.3113 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(191, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 74.3238, 0.2782, 0.3113 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(191, 230, 246) }
```

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

```
.border{ border-color:rgb(191, 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(191, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3238, 0.2782, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 246) }
```

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

```
.background{ background-color: rgb(191,  
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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