

Converting Colors

$Yxy(72.7153, 0.2754, 0.3118)$

Have a look what the booklet for
Yxy(72.7153, 0.2754, 0.3118)
contains.

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Color

Yxy(72.8846, 0.2756, 0.3121)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B9E5F4 |
| RGB | 185, 229, 244 |
| RGB Percent | 73%, 90%, 96% |
| CMY | 0.2745, 0.1020, 0.0430 |
| CMYK | 0.24, 0.06, 0.00, 0.04 |
| HSL | 195°, 73%, 84% |
| HSV | 195°, 24%, 96% |
| XYZ | 64.3608, 72.8846, 96.2843 |
| YIQ | 217.5540, -31.0390, -4.6630 |

Conversions

Conversions Part 2

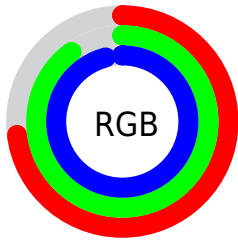
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 185, 210, 244 |
| Decimal | 12183028 |
| CIE Lab | 88.39, -10.90, -11.98 |
| CIE LCh | 88, 16.198, 227.701 |
| Yxy | 72.8846, 0.2756, 0.3121 |
| Android (android.graphics.Color) | 4290373108 (0xFFB9E5F4) |
| YUV | 217.5540, 13.0379, -28.5499 |
| Hunter-Lab | 85.3725, -14.8339, -7.1074 |

Details

The Yxy color **72.8846, 0.2756, 0.3121** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.0680, 0.3597, 0.3453**, and the grayscale version is **69.7166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **38.7282, 0.2673, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **66.7309, 0.2610, 0.3040**, and if you desaturate by 10%, it is **79.6882, 0.2908, 0.3196**.

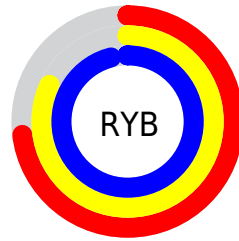
Distribution



Red (73%)

Green (90%)

Blue (96%)



Red (73%)

Yellow (82%)

Blue (96%)

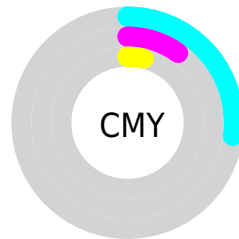


Cyan (24%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8846, 0.2756, 0.3121 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 72.8846, 0.2756, 0.3121 by changing the saturation by 10% instead.

72.8846, 0.2756,
0.3121

72.8846, 0.2756,
0.3121

470.6148, 0.2926,
0.3201

53.8816, 0.2718,
0.3102

123.3134, 0.2814,
0.3149

38.5070, 0.2671,
0.3079

155.5079, 0.2837,
0.3160

26.3764, 0.2612,
0.3049

192.8685, 0.2857,
0.3169

17.1055, 0.2536,
0.3009

235.7794, 0.2874,
0.3178

10.3097, 0.2434,
0.2954

284.6251, 0.2889,
0.3185

5.6048, 0.2290,
0.2872

339.7900, 0.2903,

2.6063, 0.2073,

0.3191

0.2742

401.6584, 0.2915,
0.3196

■ 0.9298, 0.1670,
0.2517

■ 0.0000, 0.0000,
0.0000

■ 72.8846, 0.2756,
0.3121

■ 72.8846, 0.2756,
0.3121

■ 66.7309, 0.2610,
0.3040

■ 79.6882, 0.2908,
0.3196

■ 61.1903, 0.2473,
0.2954

■ 87.1587, 0.3062,
0.3264

■ 56.2355, 0.2349,
0.2863

■ 94.7076, 0.3196,
0.3325

■ 51.8334, 0.2240,
0.2769

■ 98.5849, 0.3192,
0.3384

■ 47.9465, 0.2150,
0.2674

■ 99.3133, 0.3191,
0.3395

■ 44.5319, 0.2080,
0.2577

■ 41.5371, 0.2030,
0.2482

■ 39.9438, 0.2008,
0.2427

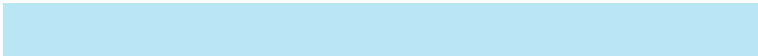
Harmonies

Analogous

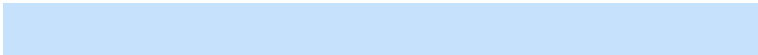
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8846, 0.2819, 0.3293



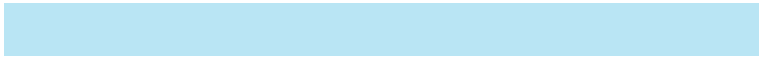
72.8846, 0.2756, 0.3121



72.8846, 0.2788, 0.3002

Triad

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



72.8846, 0.2756, 0.3121



72.8846, 0.3288, 0.3118



72.8846, 0.3342, 0.3634

Complementary

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



72.8846, 0.2756, 0.3121



64.0680, 0.3597, 0.3453

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.



72.8846, 0.3475, 0.3573



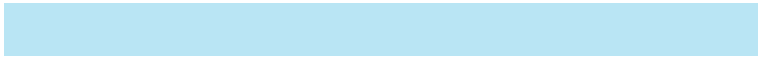
72.8846, 0.2756, 0.3121



72.8846, 0.3444, 0.3275

Square

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



72.8846, 0.2756, 0.3121



72.8846, 0.3091, 0.3005



72.8846, 0.3513, 0.3440



72.8846, 0.3154, 0.3598

Rectangle

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



72.8846, 0.2756, 0.3121



72.8846, 0.2860, 0.2966



72.8846, 0.3513, 0.3440



72.8846, 0.3395, 0.3624

Sweetspot

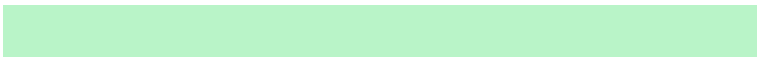
The Sweet Spot groups the original color and five complimentary colors.



72.8875, 0.2756, 0.3121



93.9045, 0.3019, 0.3245



79.1926, 0.3011, 0.3799



19.9907, 0.3009, 0.3241



0.0000, 0.0000, 0.0000



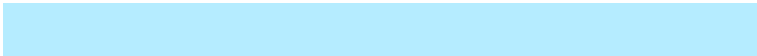
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8875, 0.2756, 0.3121



77.1385, 0.2684, 0.3082



58.0492, 0.2727, 0.2780



18.0015, 0.2980, 0.3228



21.9444, 0.2012, 0.2443



2.0924, 0.2045, 0.2561

Inverse Universe

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



59.5980, 0.3270, 0.2832



60.3941, 0.3306, 0.2737



78.9312, 0.3526, 0.3753



16.6920, 0.3177, 0.3115



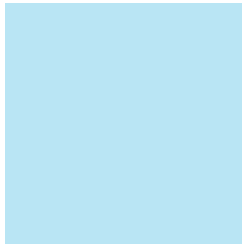
12.3147, 0.3980, 0.1966



1.0989, 0.3862, 0.1901

Previews

White Background



This preview shows how the Yxy color 72.8846, 0.2756, 0.3121 looks on a white background.

Color Contrast Check

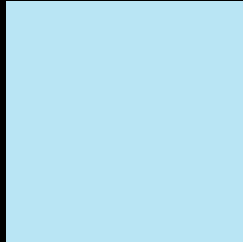
Large Text (above 18pt) WCAG AA × Fail

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 72.8846, 0.2756, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

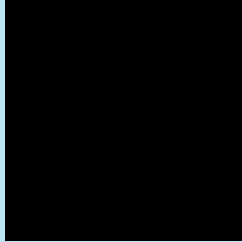
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8846, 0.2756, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 72.8846, 0.2756, 0.3121.

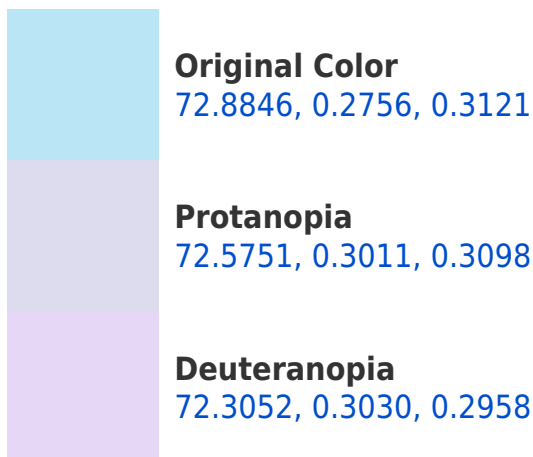


This preview shows how white text looks on a background with the Yxy color 72.8846, 0.2756, 0.3121.

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

73.1931, 0.2746, 0.3089

Trichromacy



Original Color

72.8846, 0.2756, 0.3121

Protanomaly

72.3320, 0.2912, 0.3104

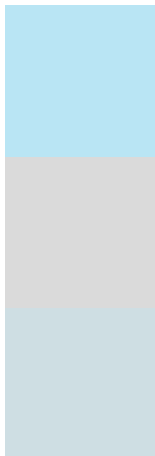
Deuteranomaly

72.1364, 0.2921, 0.3012

Tritanomaly

73.1315, 0.2751, 0.3100

Monochromacy



Original Color

72.8846, 0.2756, 0.3121

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9104, 0.2985, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8846, 0.2756, 0.3121 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(185, 229, 244)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 244)  
}
```

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(185, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 244) }
```

Border

The CSS property to change the border of an element to Yxy 72.8846, 0.2756, 0.3121 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(185, 229, 244) }
```

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

```
.border{ border-color:rgb(185, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 229, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 229, 244); box-shadow:4px 4px 4px 4px rgb(185, 229, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8846, 0.2756, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 244) }
```

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

```
.background{ background-color: rgb(185,  
229, 244) }
```

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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