

Converting Colors

$Yxy(72.4993, 0.2731, 0.3088)$

Have a look what the booklet for
Yxy(72.4993, 0.2731, 0.3088)
contains.

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Color

Yxy(72.2079, 0.2733, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	B7E4F6
RGB	183, 228, 246
RGB Percent	72%, 89%, 96%
CMY	0.2819, 0.1060, 0.0352
CMYK	0.26, 0.07, 0.00, 0.04
HSL	197°, 78%, 84%
HSV	197°, 26%, 96%
XYZ	63.9275, 72.2079, 97.7742
YIQ	216.5970, -32.5980, -3.9420

Conversions

Conversions Part 2

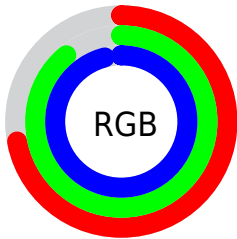
Format	Color
R _{YB}	183, 209, 246
Decimal	12051702
CIE Lab	88.07, -10.49, -13.52
CIE LCh	88, 17.117, 232.197
Yxy	72.2079, 0.2733, 0.3087
Android (android.graphics.Color)	4290241782 (0xFFB7E4F6)
YUV	216.5970, 14.4957, -29.4646
Hunter-Lab	84.9752, -14.4198, -8.7376

Details

The Yxy color **72.2079, 0.2733, 0.3087** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8645, 0.3625, 0.3484**, and the grayscale version is **69.0289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **38.2720, 0.2644, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **65.6478, 0.2585, 0.2995**, and if you desaturate by 10%, it is **79.4596, 0.2886, 0.3172**.

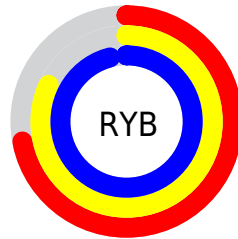
Distribution



Red (72%)

Green (89%)

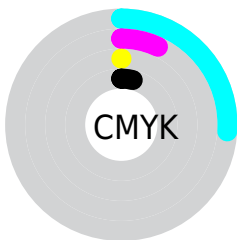
Blue (96%)



Red (72%)

Yellow (82%)

Blue (96%)

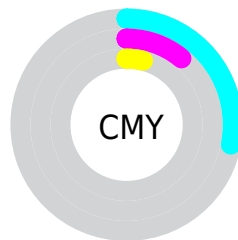


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2079, 0.2733, 0.3087 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 72.2079, 0.2733, 0.3087 by changing the saturation by 10% instead.

72.2079, 0.2733,
0.3087

72.2079, 0.2733,
0.3087

468.2649, 0.2913,
0.3183

53.3285, 0.2692,
0.3065

122.3521, 0.2795,
0.3121

38.0651, 0.2643,
0.3037

154.3856, 0.2819,
0.3134

26.0332, 0.2580,
0.3001

191.5727, 0.2840,
0.3145

16.8485, 0.2499,
0.2953

234.2978, 0.2859,
0.3155

10.1265, 0.2391,
0.2888

282.9451, 0.2875,
0.3163

5.4829, 0.2238,
0.2792

337.8991, 0.2889,

2.5333, 0.2009,

0.3171

0.2640

399.5443, 0.2902,
0.3177

0.8933, 0.1580,
0.2380

0.0000, 0.0000,
0.0000

72.2079, 0.2733,
0.3087

72.2079, 0.2733,
0.3087

65.6478, 0.2585,
0.2995

79.4596, 0.2886,
0.3172

59.7413, 0.2446,
0.2896

87.4216, 0.3041,
0.3250

54.4596, 0.2320,
0.2792

95.7573, 0.3183,
0.3320

49.7675, 0.2209,
0.2685

99.4352, 0.3179,
0.3376

■ 45.6258, 0.2117,
0.2575

■ 41.9888, 0.2045,
0.2466

■ 38.8005, 0.1994,
0.2358

■ 37.4958, 0.1975,
0.2310

Harmonies

Analogous

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



72.2079, 0.2785, 0.3264



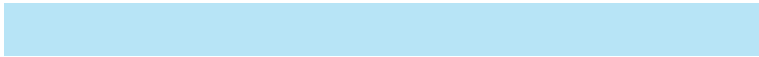
72.2079, 0.2733, 0.3087



72.2079, 0.2782, 0.2973

Triad

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



72.2079, 0.2733, 0.3087



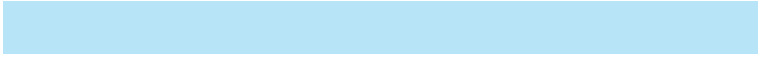
72.2079, 0.3326, 0.3131



72.2079, 0.3327, 0.3656

Complementary

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



72.2079, 0.2733, 0.3087



64.8645, 0.3625, 0.3484

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.



72.2079, 0.3480, 0.3605



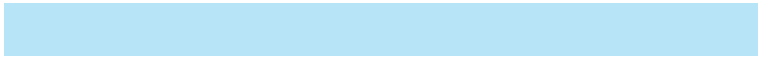
72.2079, 0.2733, 0.3087



72.2079, 0.3481, 0.3300

Square

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



72.2079, 0.2733, 0.3087



72.2079, 0.3120, 0.3003



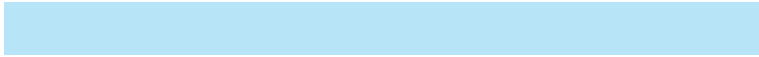
72.2079, 0.3538, 0.3473



72.2079, 0.3124, 0.3603

Rectangle

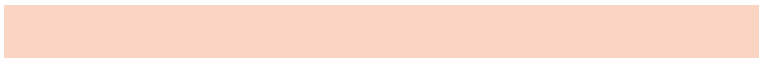
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2079, 0.2733, 0.3087



72.2079, 0.2867, 0.2944



72.2079, 0.3538, 0.3473



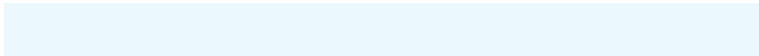
72.2079, 0.3386, 0.3650

Sweetspot

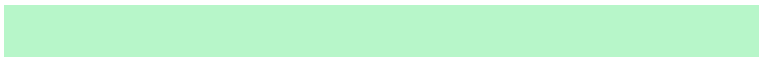
The Sweet Spot groups the original color and five complimentary colors.



72.2108, 0.2733, 0.3087



92.6578, 0.3003, 0.3232



80.2199, 0.2993, 0.3808



19.5493, 0.2980, 0.3220



0.0000, 0.0000, 0.0000



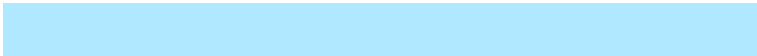
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2108, 0.2733, 0.3087



74.3425, 0.2651, 0.3037



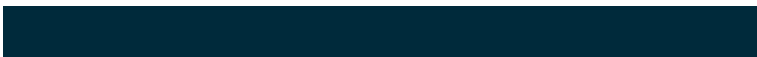
56.5499, 0.2699, 0.2721



17.9077, 0.2980, 0.3221



20.2615, 0.1980, 0.2328



1.9560, 0.2018, 0.2463

Inverse Universe

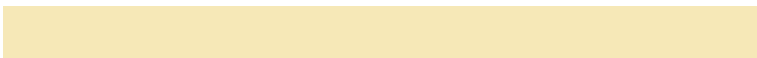
The Inverse Universe completely reimagines the original color for something new.



59.1086, 0.3296, 0.2825



58.1359, 0.3342, 0.2722



80.9541, 0.3547, 0.3801



16.6825, 0.3182, 0.3123



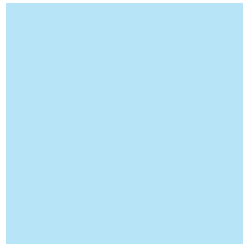
12.1448, 0.4097, 0.2031



1.0851, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 72.2079, 0.2733, 0.3087 looks on a white background.

Color Contrast Check

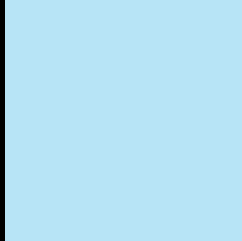
Large Text (above 18pt) WCAG AA × Fail

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 72.2079, 0.2733, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

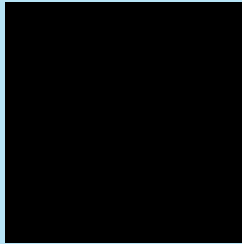
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2079, 0.2733, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 72.2079, 0.2733, 0.3087.

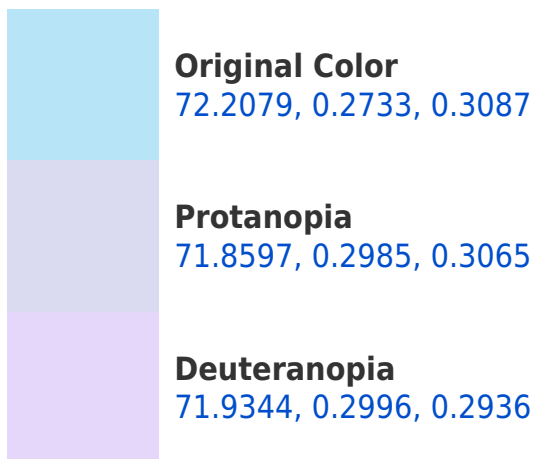


This preview shows how white text looks on a background with the Yxy color 72.2079, 0.2733, 0.3087.

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

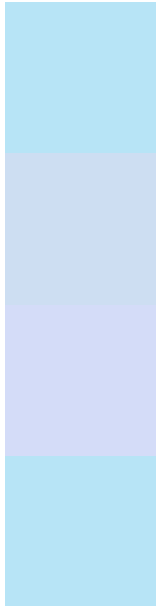




Tritanopia

72.2079, 0.2733, 0.3087

Trichromacy



Original Color

72.2079, 0.2733, 0.3087

Protanomaly

71.6325, 0.2887, 0.3071

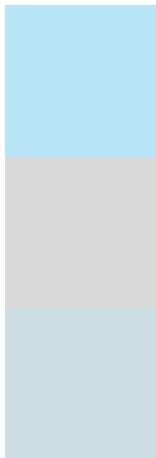
Deuteranomaly

71.9608, 0.2896, 0.2990

Tritanomaly

72.2079, 0.2733, 0.3087

Monochromacy



Original Color

72.2079, 0.2733, 0.3087

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2935, 0.2971, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2079, 0.2733, 0.3087 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(183, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(183, 228, 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(183, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 228, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.2079, 0.2733, 0.3087 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(183, 228, 246) }
```

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

```
.border{ border-color:rgb(183, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(183, 228,  
246) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2079, 0.2733, 0.3087$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 228, 246) }
```

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

```
.background{ background-color: rgb(183,  
228, 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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