

Converting Colors

$Yxy(71.0135, 0.2737, 0.3041)$

Have a look what the booklet for
Yxy(71.0135, 0.2737, 0.3041)
contains.

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Color

Yxy(70.8801, 0.2736, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1F7
RGB	185, 225, 247
RGB Percent	73%, 88%, 97%
CMY	0.2743, 0.1177, 0.0314
CMYK	0.25, 0.09, 0.00, 0.03
HSL	201°, 79%, 85%
HSV	201°, 25%, 97%
XYZ	63.7292, 70.8801, 98.3191
YIQ	215.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

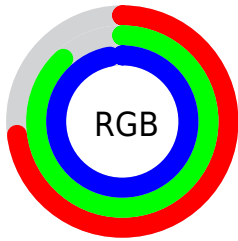
Format	Color
R _Y B	185, 209, 247
Decimal	12182007
CIE Lab	87.43, -8.18, -14.99
CIE LCh	87, 17.075, 241.381
Yxy	70.8801, 0.2736, 0.3043
Android (android.graphics.Color)	4290372087 (0xFFB9E1F7)
YUV	215.5480, 15.5058, -26.7906
Hunter-Lab	84.1903, -12.2147, -10.3068

Details

The Yxy color **70.8801, 0.2736, 0.3043** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67.9316, 0.3603, 0.3524**, and the grayscale version is **68.2614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **37.3363, 0.2646, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **63.4495, 0.2583, 0.2928**, and if you desaturate by 10%, it is **79.0939, 0.2892, 0.3149**.

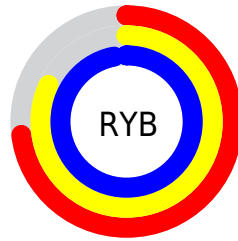
Distribution



Red (73%)

Green (88%)

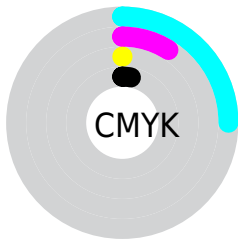
Blue (97%)



Red (73%)

Yellow (82%)

Blue (97%)

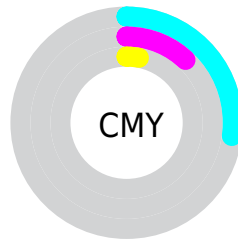


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8801, 0.2736, 0.3043 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 70.8801, 0.2736, 0.3043 by changing the saturation by 10% instead.

■ 70.8801, 0.2736,
0.3043

■ 70.8801, 0.2736,
0.3043

■ 463.6342, 0.2915,
0.3159

■ 52.2444, 0.2695,
0.3016

■ 120.4630, 0.2798,
0.3084

■ 37.1999, 0.2646,
0.2982

■ 152.1789, 0.2822,
0.3100

■ 25.3623, 0.2583,
0.2940

■ 189.0237, 0.2843,
0.3113

■ 16.3472, 0.2502,
0.2883

■ 231.3817, 0.2861,
0.3125

■ 9.7702, 0.2393,
0.2806

■ 279.6374, 0.2877,
0.3135

■ 5.2468, 0.2238,
0.2693

■ 334.1751, 0.2891,

■ 2.3928, 0.2006,

0.3144

0.2515

395.3792, 0.2904,
0.3152

0.8222, 0.1566,
0.2213

0.0000, 0.0000,
0.0000

70.8801, 0.2736,
0.3043

70.8801, 0.2736,
0.3043

63.4495, 0.2583,
0.2928

79.0939, 0.2892,
0.3149

56.7623, 0.2436,
0.2804

88.1114, 0.3049,
0.3245

50.7876, 0.2300,
0.2673

97.1680, 0.3176,
0.3331

45.4883, 0.2178,
0.2538

99.4956, 0.3173,
0.3367

■ 40.8231, 0.2075,
0.2399

■ 36.7443, 0.1992,
0.2261

■ 33.1940, 0.1930,
0.2126

■ 31.6018, 0.1906,
0.2060

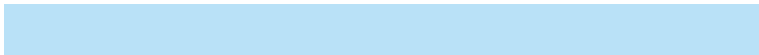
Harmonies

Analogous

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



70.8801, 0.2757, 0.3205



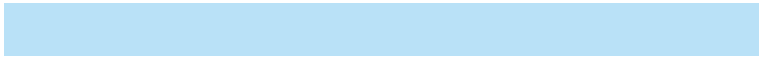
70.8801, 0.2736, 0.3043



70.8801, 0.2815, 0.2954

Triad

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



70.8801, 0.2736, 0.3043



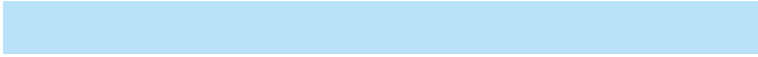
70.8801, 0.3383, 0.3179



70.8801, 0.3268, 0.3653

Complementary

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



70.8801, 0.2736, 0.3043



67.9316, 0.3603, 0.3524

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.



70.8801, 0.3443, 0.3632



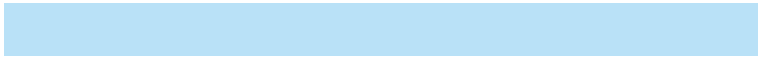
70.8801, 0.2736, 0.3043



70.8801, 0.3512, 0.3355

Square

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



70.8801, 0.2736, 0.3043



70.8801, 0.3185, 0.3035



70.8801, 0.3534, 0.3521



70.8801, 0.3060, 0.3567

Rectangle

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



70.8801, 0.2736, 0.3043



70.8801, 0.2916, 0.2943



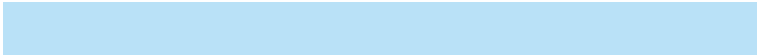
70.8801, 0.3534, 0.3521



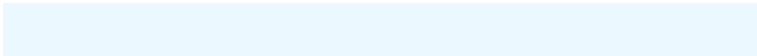
70.8801, 0.3333, 0.3658

Sweetspot

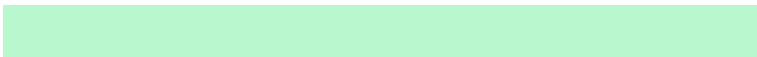
The Sweet Spot groups the original color and five complimentary colors.



70.8830, 0.2736, 0.3043



91.7974, 0.3003, 0.3218



81.3351, 0.2973, 0.3748



19.3320, 0.2980, 0.3204



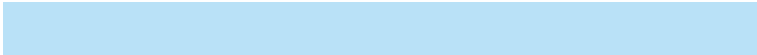
0.0000, 0.0000, 0.0000



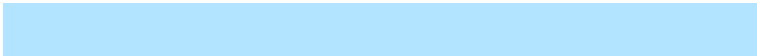
21.4041, 0.3127, 0.3290

Same Dimension

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



70.8830, 0.2736, 0.3043



72.1350, 0.2659, 0.2987



55.7706, 0.2704, 0.2685



17.7095, 0.2980, 0.3204



16.9905, 0.1912, 0.2083



1.6866, 0.1959, 0.2251

Inverse Universe

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



59.9279, 0.3326, 0.2876



58.8919, 0.3376, 0.2791



84.2593, 0.3528, 0.3831



16.6625, 0.3193, 0.3139



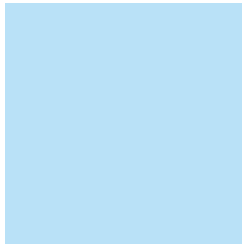
11.8146, 0.4360, 0.2176



1.0579, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 70.8801, 0.2736, 0.3043 looks on a white background.

Color Contrast Check

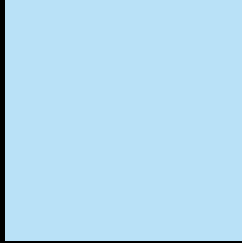
Large Text (above 18pt) WCAG AA × Fail

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 70.8801, 0.2736, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

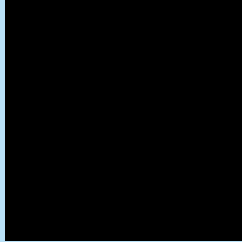
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8801, 0.2736, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 70.8801, 0.2736, 0.3043.

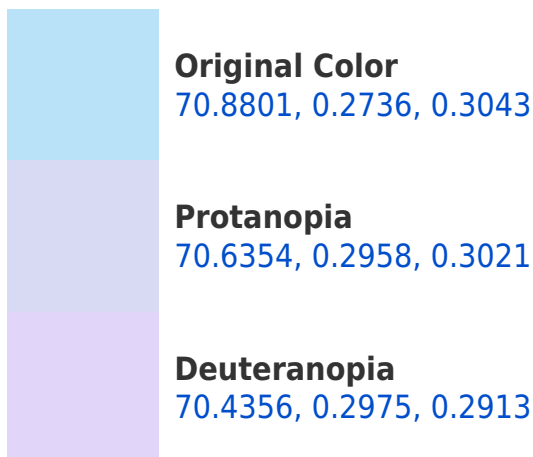


This preview shows how white text looks on a background with the Yxy color 70.8801, 0.2736, 0.3043.

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

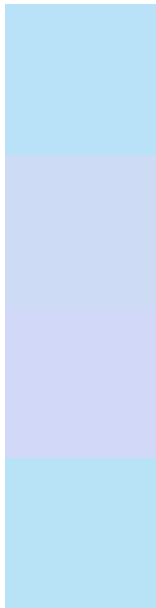




Tritanopia

71.1147, 0.2747, 0.3087

Trichromacy



Original Color

70.8801, 0.2736, 0.3043

Protanomaly

70.6972, 0.2874, 0.3028

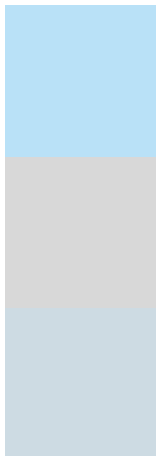
Deuteranomaly

70.1047, 0.2881, 0.2956

Tritanomaly

71.1756, 0.2742, 0.3076

Monochromacy



Original Color

70.8801, 0.2736, 0.3043

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1882, 0.2978, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8801, 0.2736, 0.3043 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, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 247)  
}
```

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, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.8801, 0.2736, 0.3043 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, 225, 247) }
```

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

```
.border{ border-color:rgb(185, 225, 247) }
```

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

Here you see how a box with a 4 pixel rgb(185, 225, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8801, 0.2736, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 247) }
```

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

```
.background{ background-color: rgb(185,  
225, 247) }
```

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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