

Converting Colors

$Yxy(75.0632, 0.2733, 0.3091)$

Have a look what the booklet for
Yxy(75.0632, 0.2733, 0.3091)
contains.

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Color

Yxy(75.0545, 0.2733, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	BAE8FA
RGB	186, 232, 250
RGB Percent	73%, 91%, 98%
CMY	0.2705, 0.0902, 0.0198
CMYK	0.26, 0.07, 0.00, 0.02
HSL	197°, 86%, 85%
HSV	197°, 26%, 98%
XYZ	66.3617, 75.0545, 101.4001
YIQ	220.2980, -33.1940, -4.1540

Conversions

Conversions Part 2

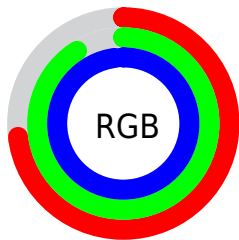
Format	Color
R _Y B	186, 213, 250
Decimal	12249338
CIE Lab	89.42, -10.82, -13.55
CIE LCh	89, 17.342, 231.400
Yxy	75.0545, 0.2733, 0.3091
Android (android.graphics.Color)	4290439418 (0xFFBAE8FA)
YUV	220.2980, 14.6431, -30.0793
Hunter-Lab	86.6340, -14.8784, -8.7517

Details

The Yxy color **75.0545, 0.2733, 0.3091** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0446, 0.3627, 0.3480**, and the grayscale version is **71.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **39.7710, 0.2637, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **68.3205, 0.2586, 0.3001**, and if you desaturate by 10%, it is **82.5001, 0.2886, 0.3175**.

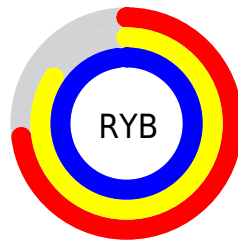
Distribution



Red (73%)

Green (91%)

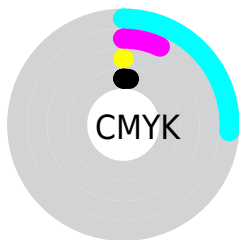
Blue (98%)



Red (73%)

Yellow (84%)

Blue (98%)

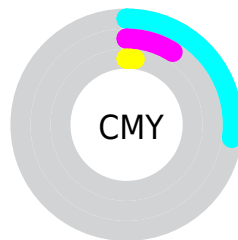


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0545, 0.2733, 0.3091 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 75.0545, 0.2733, 0.3091 by changing the saturation by 10% instead.

■ 75.0545, 0.2733,
0.3091

■ 75.0545, 0.2733,
0.3091

■ 478.1049, 0.2912,
0.3185

■ 55.6575, 0.2693,
0.3069

■ 126.3895, 0.2794,
0.3124

■ 39.9284, 0.2644,
0.3042

■ 159.0963, 0.2818,
0.3137

■ 27.4827, 0.2583,
0.3008

■ 197.0086, 0.2839,
0.3147

■ 17.9361, 0.2504,
0.2962

■ 240.5106, 0.2857,
0.3157

■ 10.9041, 0.2399,
0.2900

■ 289.9869, 0.2874,
0.3165

■ 6.0024, 0.2252,
0.2810

■ 345.8218, 0.2888,

■ 2.8465, 0.2034,

0.3172

0.2667

408.3996, 0.2900,
0.3179

■ 1.0521, 0.1671,
0.2419

■ 0.0000, 0.0000,
0.0000

■ 75.0545, 0.2733,
0.3091

■ 75.0545, 0.2733,
0.3091

■ 68.3205, 0.2586,
0.3001

■ 82.5001, 0.2886,
0.3175

■ 62.2587, 0.2447,
0.2904

■ 90.6766, 0.3041,
0.3251

■ 56.8392, 0.2322,
0.2802

■ 98.4538, 0.3157,
0.3320

■ 52.0257, 0.2212,
0.2697

■ 99.6798, 0.3156,
0.3338

■ 47.7774, 0.2121,
0.2590

■ 44.0469, 0.2050,
0.2483

■ 40.7761, 0.1999,
0.2377

■ 39.4388, 0.1981,
0.2331

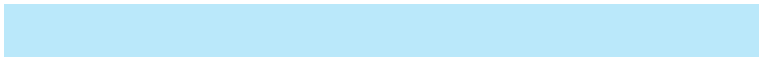
Harmonies

Analogous

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



75.0545, 0.2787, 0.3269



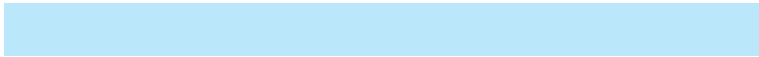
75.0545, 0.2733, 0.3091



75.0545, 0.2780, 0.2975

Triad

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



75.0545, 0.2733, 0.3091



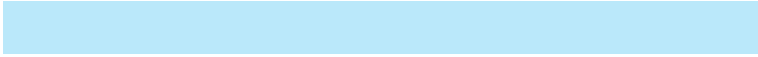
75.0545, 0.3321, 0.3127



75.0545, 0.3332, 0.3656

Complementary

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



75.0545, 0.2733, 0.3091



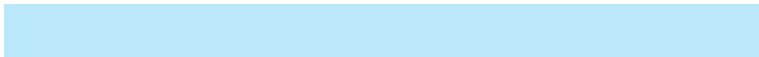
67.0446, 0.3627, 0.3480

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.



75.0545, 0.3483, 0.3603



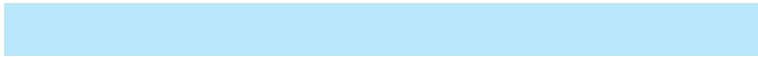
75.0545, 0.2733, 0.3091



75.0545, 0.3478, 0.3295

Square

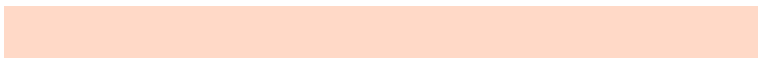
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0545, 0.2733, 0.3091



75.0545, 0.3114, 0.3000



75.0545, 0.3538, 0.3469



75.0545, 0.3129, 0.3605

Rectangle

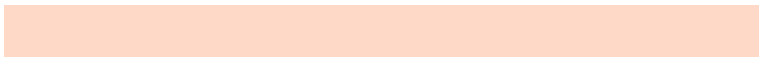
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



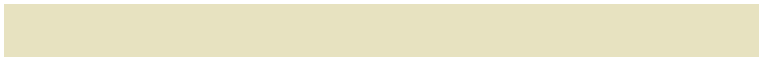
75.0545, 0.2733, 0.3091



75.0545, 0.2863, 0.2945



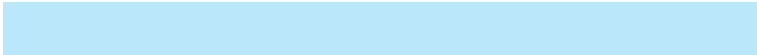
75.0545, 0.3538, 0.3469



75.0545, 0.3391, 0.3649

Sweetspot

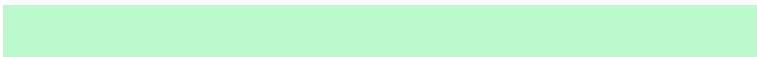
The Sweet Spot groups the original color and five complimentary colors.



75.0575, 0.2733, 0.3091



92.7321, 0.3003, 0.3233



83.1066, 0.2999, 0.3821



19.5681, 0.2980, 0.3222



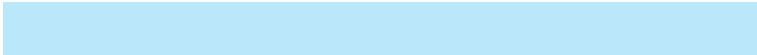
0.0000, 0.0000, 0.0000



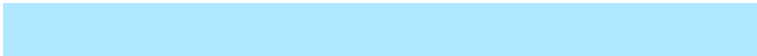
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0575, 0.2733, 0.3091



74.6051, 0.2652, 0.3043



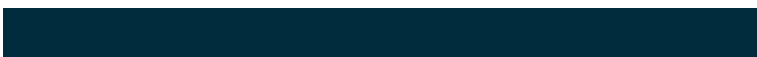
59.0916, 0.2700, 0.2733



18.7360, 0.2980, 0.3222



21.1823, 0.1986, 0.2348



2.1410, 0.2021, 0.2474

Inverse Universe

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



61.2740, 0.3294, 0.2821



58.1624, 0.3338, 0.2718



83.3062, 0.3550, 0.3791



17.4365, 0.3181, 0.3121



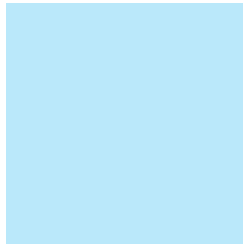
12.5493, 0.4076, 0.2019



1.1804, 0.3948, 0.1949

Previews

White Background



This preview shows how the Yxy color 75.0545, 0.2733, 0.3091 looks on a white background.

Color Contrast Check

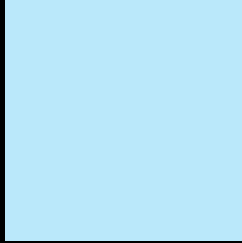
Large Text (above 18pt) WCAG AA × Fail

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 75.0545, 0.2733, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

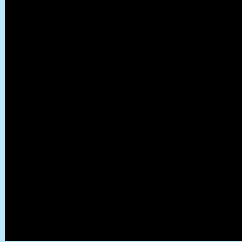
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0545, 0.2733, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 75.0545, 0.2733, 0.3091.

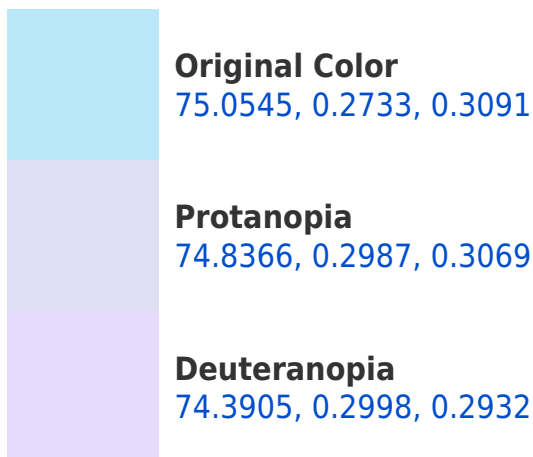


This preview shows how white text looks on a background with the Yxy color 75.0545, 0.2733, 0.3091.

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

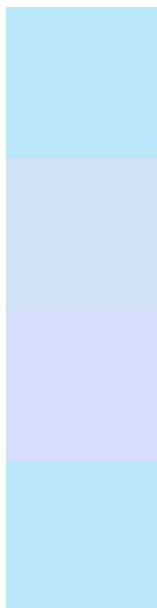




Tritanopia

75.0545, 0.2733, 0.3091

Trichromacy



Original Color

75.0545, 0.2733, 0.3091

Protanomaly

74.6018, 0.2890, 0.3075

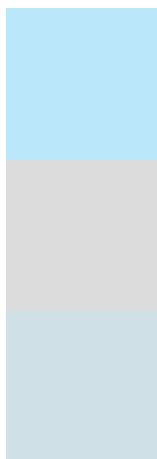
Deuteranomaly

74.2507, 0.2892, 0.2984

Tritanomaly

75.0545, 0.2733, 0.3091

Monochromacy



Original Color

75.0545, 0.2733, 0.3091

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4907, 0.2973, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0545, 0.2733, 0.3091 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(186, 232, 250)` looks like.

```
.text, #text, p{  
    color:rgb(186, 232, 250)  
}
```

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(186, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 232, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.0545, 0.2733, 0.3091 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(186, 232, 250) }
```

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

```
.border{ border-color:rgb(186, 232, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 232, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(186, 232,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0545, 0.2733, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 232, 250) }
```

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

```
.background{ background-color: rgb(186,  
232, 250) }
```

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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