

Converting Colors

$Yxy(73.0775, 0.2765, 0.3036)$

Have a look what the booklet for
Yxy(73.0775, 0.2765, 0.3036)
contains.

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Color

Yxy(73.0468, 0.2763, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	C0E3FA
RGB	192, 227, 250
RGB Percent	75%, 89%, 98%
CMY	0.2471, 0.1098, 0.0197
CMYK	0.23, 0.09, 0.00, 0.02
HSL	204°, 85%, 87%
HSV	204°, 23%, 98%
XYZ	66.4565, 73.0468, 101.0196
YIQ	219.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

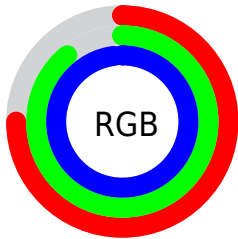
Format	Color
R _Y B	192, 214, 250
Decimal	12641274
CIE Lab	88.47, -6.52, -14.94
CIE LCh	88, 16.304, 246.429
Yxy	73.0468, 0.2763, 0.3037
Android (android.graphics.Color)	4290831354 (0xFFC0E3FA)
YUV	219.1570, 15.2056, -23.8167
Hunter-Lab	85.4674, -10.7726, -10.2516

Details

The Yxy color **73.0468, 0.2763, 0.3037** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7015, 0.3555, 0.3530**, and the grayscale version is **70.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **38.7185, 0.2673, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **64.7982, 0.2606, 0.2910**, and if you desaturate by 10%, it is **82.1669, 0.2921, 0.3153**.

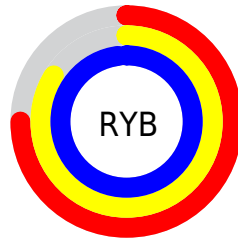
Distribution



Red (75%)

Green (89%)

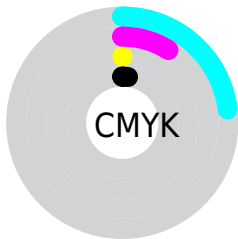
Blue (98%)



Red (75%)

Yellow (84%)

Blue (98%)

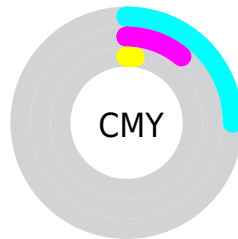


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0468, 0.2763, 0.3037 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 73.0468, 0.2763, 0.3037 by changing the saturation by 10% instead.

■ 73.0468, 0.2763,
0.3037

■ 73.0468, 0.2763,
0.3037

■ 471.1770, 0.2929,
0.3155

■ 54.0142, 0.2726,
0.3010

■ 123.5436, 0.2820,
0.3078

■ 38.6130, 0.2680,
0.2976

■ 155.7767, 0.2843,
0.3094

■ 26.4588, 0.2622,
0.2934

■ 193.1787, 0.2862,
0.3108

■ 17.1672, 0.2547,
0.2878

■ 236.1341, 0.2879,
0.3120

■ 10.3538, 0.2447,
0.2802

■ 285.0272, 0.2894,
0.3130

■ 5.6341, 0.2307,
0.2692

■ 340.2425, 0.2907,

■ 2.6239, 0.2095,

0.3139

0.2522

402.1643, 0.2919,
0.3148

0.9387, 0.1739,
0.2230

0.0000, 0.0000,
0.0000

73.0468, 0.2763,
0.3037

73.0468, 0.2763,
0.3037

64.7982, 0.2606,
0.2910

82.1669, 0.2921,
0.3153

57.3790, 0.2453,
0.2772

92.1806, 0.3078,
0.3259

50.7565, 0.2309,
0.2626

99.6807, 0.3156,
0.3338

44.8916, 0.2179,
0.2474

■ 39.7411, 0.2065,
0.2319

■ 35.2555, 0.1973,
0.2164

■ 31.3759, 0.1902,
0.2012

■ 29.0275, 0.1864,
0.1911

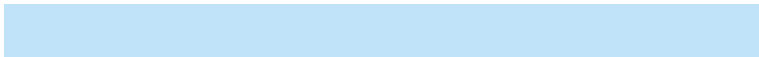
Harmonies

Analogous

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



73.0468, 0.2767, 0.3181



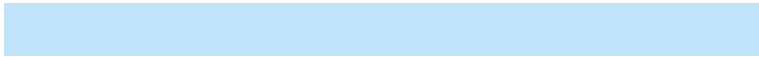
73.0468, 0.2763, 0.3037



73.0468, 0.2853, 0.2966

Triad

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



73.0468, 0.2763, 0.3037



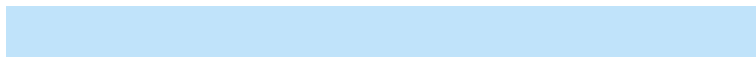
73.0468, 0.3395, 0.3212



73.0468, 0.3228, 0.3625

Complementary

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



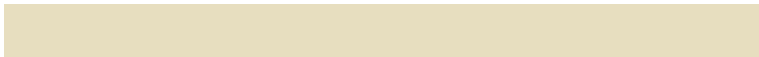
73.0468, 0.2763, 0.3037



72.7015, 0.3555, 0.3530

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.



73.0468, 0.3403, 0.3624



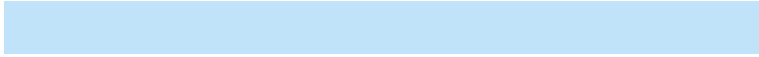
73.0468, 0.2763, 0.3037



73.0468, 0.3502, 0.3380

Square

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



73.0468, 0.2763, 0.3037



73.0468, 0.3216, 0.3068



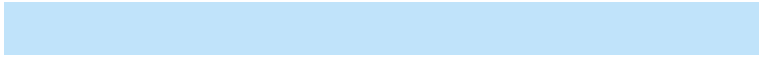
73.0468, 0.3504, 0.3531



73.0468, 0.3031, 0.3529

Rectangle

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



73.0468, 0.2763, 0.3037



73.0468, 0.2956, 0.2965



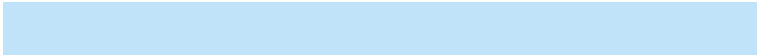
73.0468, 0.3504, 0.3531



73.0468, 0.3292, 0.3636

Sweetspot

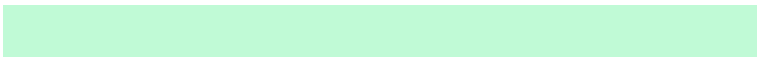
The Sweet Spot groups the original color and five complimentary colors.



73.0498, 0.2763, 0.3037



92.3427, 0.3019, 0.3220



84.4280, 0.2973, 0.3687



19.6286, 0.3009, 0.3214



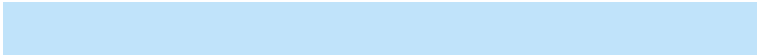
0.0000, 0.0000, 0.0000



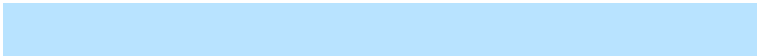
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0498, 0.2763, 0.3037



72.1482, 0.2687, 0.2977



58.8380, 0.2737, 0.2713



18.3874, 0.2980, 0.3194



15.6889, 0.1871, 0.1936



1.6599, 0.1921, 0.2114

Inverse Universe

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



63.5597, 0.3326, 0.2931



60.9058, 0.3379, 0.2853



88.3531, 0.3493, 0.3808



17.4013, 0.3199, 0.3148



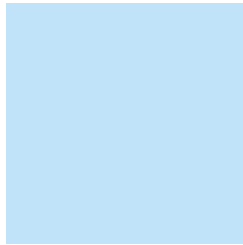
11.9947, 0.4526, 0.2267



1.1318, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 73.0468, 0.2763, 0.3037 looks on a white background.

Color Contrast Check

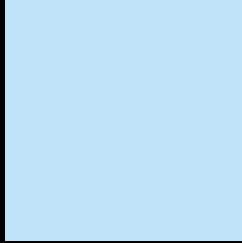
Large Text (above 18pt) WCAG AA × Fail

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 73.0468, 0.2763, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

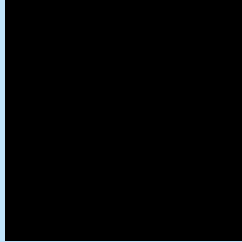
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

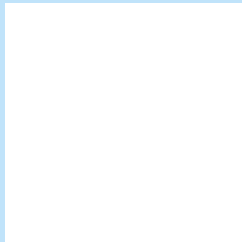
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0468, 0.2763, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 73.0468, 0.2763, 0.3037.



This preview shows how white text looks on a background with the Yxy color 73.0468, 0.2763, 0.3037.

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

73.0468, 0.2763, 0.3037

Protanopia

72.7456, 0.2947, 0.3014

Deuteranopia

72.7980, 0.2984, 0.2918



Tritanopia

73.2170, 0.2780, 0.3090

Trichromacy



Original Color

73.0468, 0.2763, 0.3037

Protanomaly

73.0461, 0.2883, 0.3032

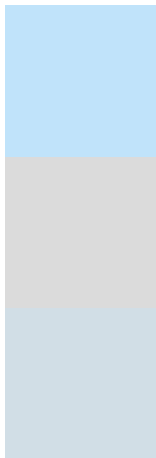
Deuteranomaly

72.7504, 0.2904, 0.2962

Tritanomaly

73.2786, 0.2774, 0.3079

Monochromacy



Original Color

73.0468, 0.2763, 0.3037

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.5110, 0.2986, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0468, 0.2763, 0.3037 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(192, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 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(192, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.0468, 0.2763, 0.3037 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(192, 227, 250) }
```

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

```
.border{ border-color:rgb(192, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 227, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 227, 250); box-shadow:4px 4px 4px 4px rgb(192, 227, 250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0468, 0.2763, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 250) }
```

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

```
.background{ background-color: rgb(192,  
227, 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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