

Converting Colors

$Yxy(74.1848, 0.2735, 0.3005)$

Have a look what the booklet for
Yxy(74.1848, 0.2735, 0.3005)
contains.

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Color

Yxy(74.3350, 0.2732, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	BF E5 FF
RGB	191, 229, 255
RGB Percent	75%, 90%, 100%
CMY	0.2509, 0.1020, 0.0000
CMYK	0.25, 0.10, 0.00, 0.00
HSL	204°, 100%, 87%
HSV	204°, 25%, 100%
XYZ	67.5593, 74.3350, 105.3945
YIQ	220.6020, -30.9940, 0.0300

Conversions

Conversions Part 2

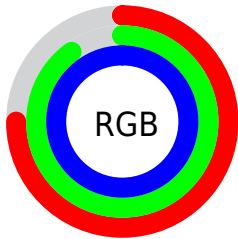
Format	Color
R _Y B	191, 215, 255
Decimal	12576255
CIE Lab	89.08, -6.71, -16.67
CIE LCh	89, 17.967, 248.070
Yxy	74.3350, 0.2732, 0.3006
Android (android.graphics.Color)	4290766335 (0xFFBFE5FF)
YUV	220.6020, 16.9582, -25.9610
Hunter-Lab	86.2177, -11.0104, -12.1250

Details

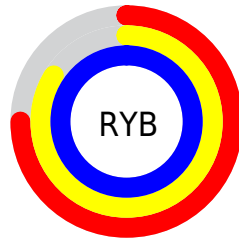
The Yxy color **74.3350, 0.2732, 0.3006** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.6620, 0.3596, 0.3558**, and the grayscale version is **71.9128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.5836, 0.2643, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **65.7489, 0.2574, 0.2873**, and if you desaturate by 10%, it is **83.8450, 0.2891, 0.3128**.

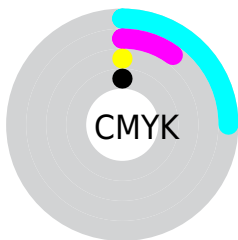
Distribution



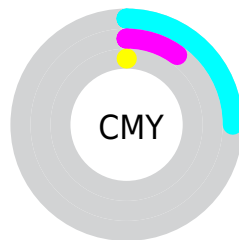
- Red (75%)
- Green (90%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3350, 0.2732, 0.3006 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 74.3350, 0.2732, 0.3006 by changing the saturation by 10% instead.

■ 74.3350, 0.2732,
0.3006

■ 74.3350, 0.2732,
0.3006

■ 475.6288, 0.2912,
0.3138

■ 55.0683, 0.2692,
0.2976

■ 125.3706, 0.2794,
0.3052

■ 39.4564, 0.2643,
0.2939

■ 157.9082, 0.2818,
0.3070

■ 27.1149, 0.2581,
0.2891

■ 195.6383, 0.2839,
0.3085

■ 17.6596, 0.2501,
0.2830

■ 238.9452, 0.2857,
0.3098

■ 10.7059, 0.2395,
0.2747

■ 288.2133, 0.2873,
0.3110

■ 5.8694, 0.2248,
0.2628

■ 343.8270, 0.2887,

■ 2.7658, 0.2028,

0.3120

0.2445

406.1707, 0.2900,
0.3130

1.0107, 0.1674,
0.2137

0.0000, 0.0000,
0.0000

74.3350, 0.2732,
0.3006

74.3350, 0.2732,
0.3006

65.7489, 0.2574,
0.2873

83.8450, 0.2891,
0.3128

58.0421, 0.2422,
0.2730

94.3034, 0.3049,
0.3238

51.1789, 0.2279,
0.2578

100.0000, 0.3127,
0.3290

45.1171, 0.2149,
0.2421

■ 39.8098, 0.2038,
0.2261

■ 35.2028, 0.1948,
0.2101

■ 31.2312, 0.1881,
0.1946

■ 29.4700, 0.1854,
0.1872

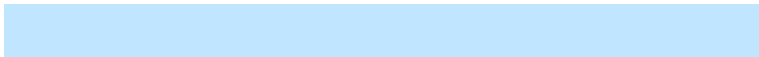
Harmonies

Analogous

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



74.3350, 0.2730, 0.3159



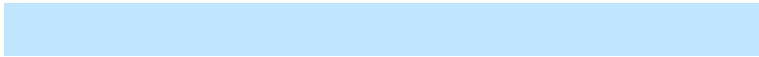
74.3350, 0.2732, 0.3006



74.3350, 0.2835, 0.2934

Triad

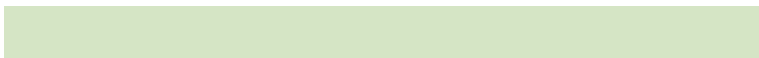
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3350, 0.2732, 0.3006



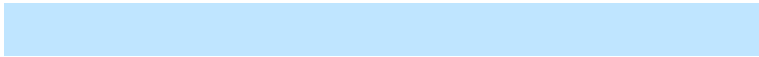
74.3350, 0.3430, 0.3215



74.3350, 0.3226, 0.3655

Complementary

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



74.3350, 0.2732, 0.3006



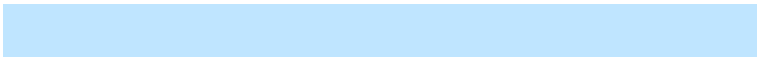
74.6620, 0.3596, 0.3558

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.



74.3350, 0.3420, 0.3659



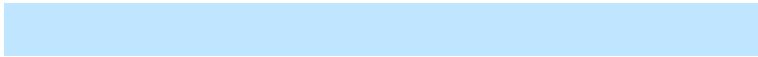
74.3350, 0.2732, 0.3006



74.3350, 0.3541, 0.3397

Square

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



74.3350, 0.2732, 0.3006



74.3350, 0.3236, 0.3055



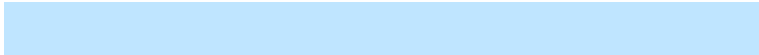
74.3350, 0.3537, 0.3561



74.3350, 0.3010, 0.3544

Rectangle

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



74.3350, 0.2732, 0.3006



74.3350, 0.2951, 0.2937



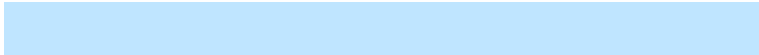
74.3350, 0.3537, 0.3561



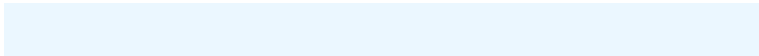
74.3350, 0.3296, 0.3669

Sweetspot

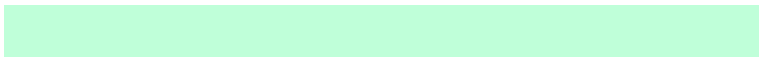
The Sweet Spot groups the original color and five complimentary colors.



74.3379, 0.2732, 0.3006



91.1578, 0.3003, 0.3207



87.5894, 0.2955, 0.3712



19.1706, 0.2979, 0.3191



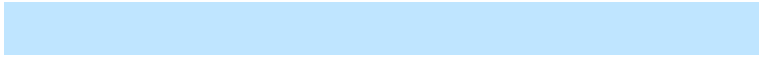
0.0000, 0.0000, 0.0000



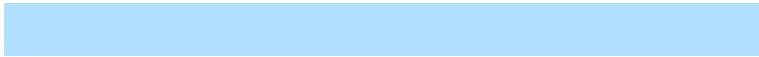
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3379, 0.2732, 0.3006



70.0064, 0.2654, 0.2942



58.4246, 0.2700, 0.2646



19.1706, 0.2979, 0.3191



15.6996, 0.1860, 0.1897



1.7434, 0.1909, 0.2072

Inverse Universe

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



64.1899, 0.3352, 0.2907



58.6770, 0.3408, 0.2829



92.5286, 0.3522, 0.3861



18.1681, 0.3201, 0.3150



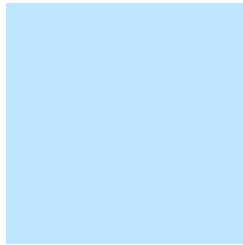
12.3128, 0.4571, 0.2292



1.2205, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 74.3350, 0.2732, 0.3006 looks on a white background.

Color Contrast Check

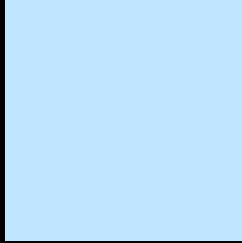
Large Text (above 18pt) WCAG AA × Fail

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 74.3350, 0.2732, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

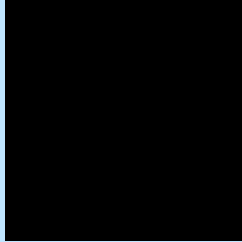
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

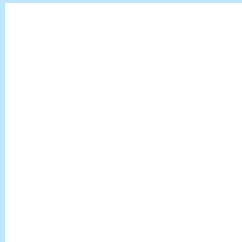
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3350, 0.2732, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 74.3350, 0.2732, 0.3006.

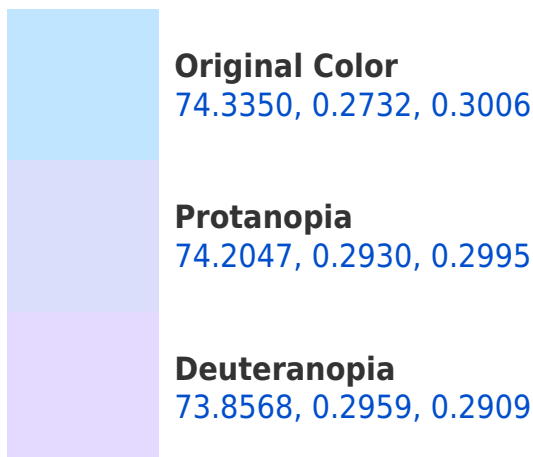


This preview shows how white text looks on a background with the Yxy color 74.3350, 0.2732, 0.3006.

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

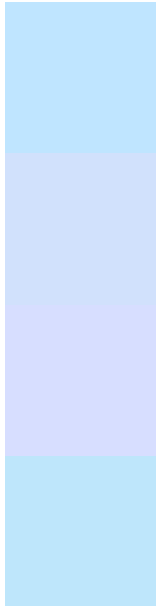




Tritanopia

74.3181, 0.2765, 0.3091

Trichromacy



Original Color

74.3350, 0.2732, 0.3006

Protanomaly

74.4340, 0.2855, 0.3002

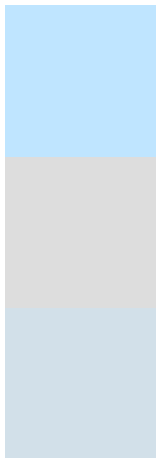
Deuteranomaly

73.9096, 0.2874, 0.2943

Tritanomaly

74.5058, 0.2748, 0.3059

Monochromacy



Original Color

74.3350, 0.2732, 0.3006

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8961, 0.2974, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3350, 0.2732, 0.3006 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(191, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 229, 255)  
}
```

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(191, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3350, 0.2732, 0.3006 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(191, 229, 255) }
```

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

```
.border{ border-color:rgb(191, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3350, 0.2732, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 229, 255) }
```

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

```
.background{ background-color: rgb(191,  
229, 255) }
```

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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