

Converting Colors

$Yxy(74.8856, 0.2736, 0.3012)$

Have a look what the booklet for
Yxy(74.8856, 0.2736, 0.3012)
contains.

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Color

Yxy(75.0201, 0.2739, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	C0E6FF
RGB	192, 230, 255
RGB Percent	75%, 90%, 100%
CMY	0.2470, 0.0980, 0.0001
CMYK	0.25, 0.10, 0.00, 0.00
HSL	204°, 100%, 88%
HSV	204°, 25%, 100%
XYZ	68.0848, 75.0201, 105.4706
YIQ	221.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

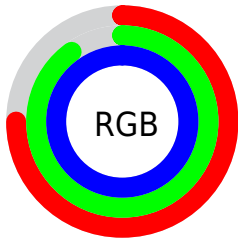
Format	Color
R _Y B	192, 216, 255
Decimal	12642047
CIE Lab	89.40, -6.94, -16.16
CIE LCh	89, 17.589, 246.749
Yxy	75.0201, 0.2739, 0.3018
Android (android.graphics.Color)	4290832127 (0xFFC0E6FF)
YUV	221.4880, 16.5214, -25.8610
Hunter-Lab	86.6141, -11.2611, -11.5679

Details

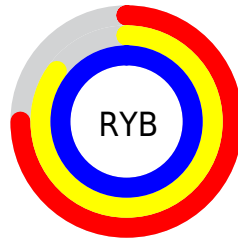
The Yxy color **75.0201, 0.2739, 0.3018** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6809, 0.3588, 0.3547**, and the grayscale version is **72.5686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **40.0555, 0.2652, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **66.5112, 0.2582, 0.2889**, and if you desaturate by 10%, it is **84.4381, 0.2898, 0.3136**.

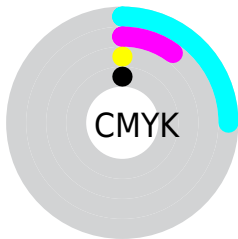
Distribution



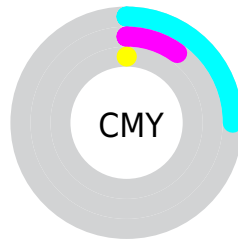
- Red (75%)
- Green (90%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- 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 75.0201, 0.2739, 0.3018 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 75.0201, 0.2739, 0.3018 by changing the saturation by 10% instead.

■ 75.0201, 0.2739,
0.3018

■ 75.0201, 0.2739,
0.3018

■ 477.9867, 0.2915,
0.3144

■ 55.6294, 0.2700,
0.2989

■ 126.3408, 0.2799,
0.3062

■ 39.9058, 0.2651,
0.2954

■ 159.0396, 0.2823,
0.3079

■ 27.4651, 0.2591,
0.2908

■ 196.9431, 0.2844,
0.3094

■ 17.9229, 0.2513,
0.2850

■ 240.4359, 0.2862,
0.3106

■ 10.8946, 0.2410,
0.2770

■ 289.9022, 0.2877,
0.3118

■ 5.9960, 0.2265,
0.2656

■ 345.7265, 0.2891,

■ 2.8427, 0.2051,

0.3128

0.2482

408.2932, 0.2904,
0.3136

1.0501, 0.1707,
0.2186

0.0000, 0.0000,
0.0000

75.0201, 0.2739,
0.3018

75.0201, 0.2739,
0.3018

66.5112, 0.2582,
0.2889

84.4381, 0.2898,
0.3136

58.8672, 0.2430,
0.2750

94.7891, 0.3055,
0.3244

52.0530, 0.2288,
0.2602

99.9979, 0.3127,
0.3290

46.0272, 0.2159,
0.2449

■ 40.7433, 0.2049,
0.2293

■ 36.1484, 0.1959,
0.2138

■ 32.1782, 0.1892,
0.1986

■ 30.2770, 0.1863,
0.1908

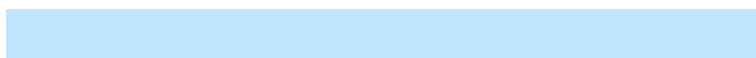
Harmonies

Analogous

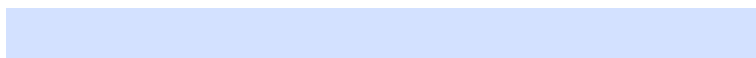
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0201, 0.2742, 0.3171



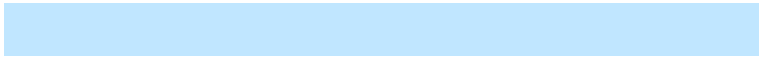
75.0201, 0.2739, 0.3018



75.0201, 0.2836, 0.2943

Triad

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



75.0201, 0.2739, 0.3018



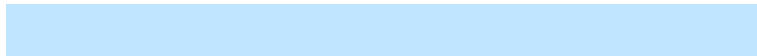
75.0201, 0.3415, 0.3209



75.0201, 0.3233, 0.3649

Complementary

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



75.0201, 0.2739, 0.3018



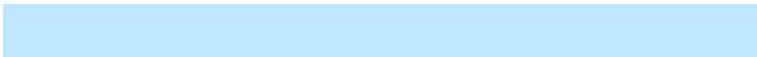
74.6809, 0.3588, 0.3547

Split Complementary

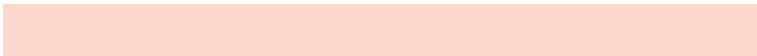
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0201, 0.3420, 0.3647



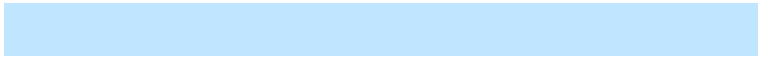
75.0201, 0.2739, 0.3018



75.0201, 0.3529, 0.3387

Square

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



75.0201, 0.2739, 0.3018



75.0201, 0.3224, 0.3054



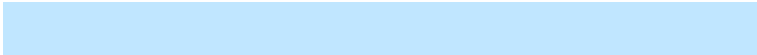
75.0201, 0.3530, 0.3548



75.0201, 0.3022, 0.3544

Rectangle

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



75.0201, 0.2739, 0.3018



75.0201, 0.2947, 0.2944



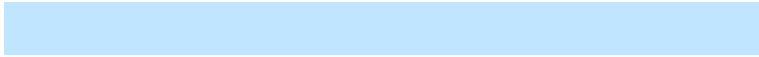
75.0201, 0.3530, 0.3548



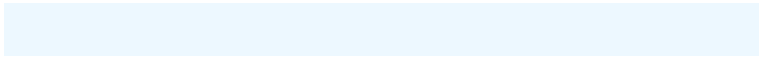
75.0201, 0.3300, 0.3661

Sweetspot

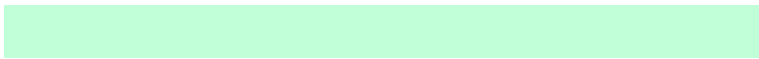
The Sweet Spot groups the original color and five complimentary colors.



75.0231, 0.2739, 0.3018



92.3362, 0.3019, 0.3220



87.6746, 0.2964, 0.3717



19.6270, 0.3009, 0.3214



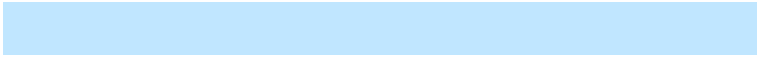
0.0000, 0.0000, 0.0000



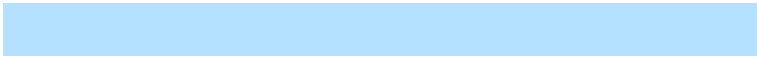
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0231, 0.2739, 0.3018



70.4103, 0.2655, 0.2951



59.4444, 0.2709, 0.2670



19.2014, 0.2979, 0.3193



16.1247, 0.1870, 0.1932



1.7835, 0.1918, 0.2103

Inverse Universe

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



64.6776, 0.3343, 0.2907



58.7178, 0.3402, 0.2821



91.9644, 0.3518, 0.3842



18.1712, 0.3199, 0.3148



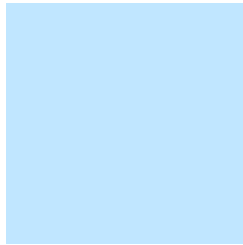
12.3558, 0.4530, 0.2269



1.2246, 0.4338, 0.2163

Previews

White Background



This preview shows how the Yxy color 75.0201, 0.2739, 0.3018 looks on a white background.

Color Contrast Check

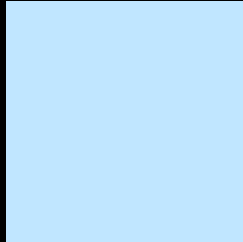
Large Text (above 18pt) WCAG AA × Fail

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 75.0201, 0.2739, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

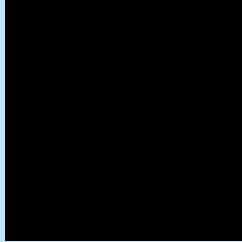
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

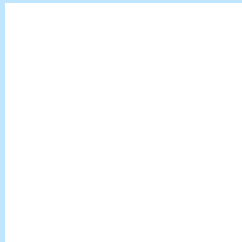
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0201, 0.2739, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 75.0201, 0.2739, 0.3018.



This preview shows how white text looks on a background with the Yxy color 75.0201, 0.2739, 0.3018.

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

75.0201, 0.2739, 0.3018

Protanopia

74.8931, 0.2937, 0.3007

Deuteranopia

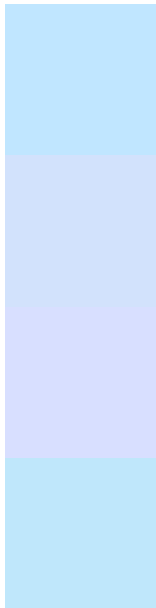
74.7060, 0.2972, 0.2921



Tritanopia

75.0677, 0.2766, 0.3092

Trichromacy



Original Color

75.0201, 0.2739, 0.3018

Protanomaly

75.1226, 0.2862, 0.3013

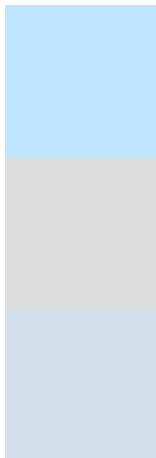
Deuteranomaly

74.5943, 0.2881, 0.2954

Tritanomaly

75.1932, 0.2755, 0.3070

Monochromacy



Original Color

75.0201, 0.2739, 0.3018

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 75.0201, 0.2739, 0.3018 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, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 230, 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(192, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.0201, 0.2739, 0.3018 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, 230, 255) }
```

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

```
.border{ border-color:rgb(192, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0201, 0.2739, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 230, 255) }
```

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

```
.background{ background-color: rgb(192,  
230, 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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