

Converting Colors

$Yxy(74.5260, 0.2800, 0.3090)$

Have a look what the booklet for
Yxy(74.5260, 0.2800, 0.3090)
contains.

Yxy(74.3561, 0.2799, 0.3092)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3561, 0.2799, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	C3E5F7
RGB	195, 229, 247
RGB Percent	76%, 90%, 97%
CMY	0.2354, 0.1019, 0.0313
CMYK	0.21, 0.07, 0.00, 0.03
HSL	201°, 77%, 87%
HSV	201°, 21%, 97%
XYZ	67.3101, 74.3561, 98.8128
YIQ	220.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

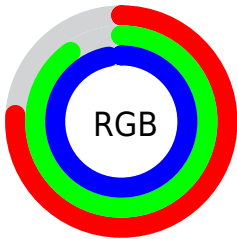
Format	Color
R _Y B	195, 216, 247
Decimal	12838391
CIE Lab	89.09, -7.30, -12.44
CIE LCh	89, 14.428, 239.593
Yxy	74.3561, 0.2799, 0.3092
Android (android.graphics.Color)	4291028471 (0xFFC3E5F7)
YUV	220.8860, 12.8742, -22.7020
Hunter-Lab	86.2300, -11.5676, -7.5807

Details

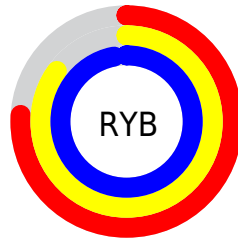
The Yxy color **74.3561, 0.2799, 0.3092** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2959, 0.3514, 0.3480**, and the grayscale version is **72.1432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **39.6964, 0.2726, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **66.7224, 0.2645, 0.2984**, and if you desaturate by 10%, it is **82.7730, 0.2955, 0.3191**.

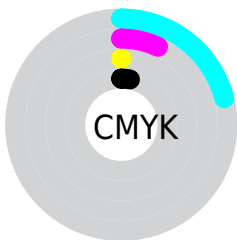
Distribution



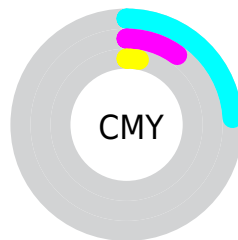
- Red (76%)
- Green (90%)
- Blue (97%)



- Red (76%)
- Yellow (85%)
- Blue (97%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3561, 0.2799, 0.3092 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 74.3561, 0.2799, 0.3092 by changing the saturation by 10% instead.

■ 74.3561, 0.2799,
0.3092

■ 74.3561, 0.2799,
0.3092

■ 475.7015, 0.2949,
0.3185

■ 55.0855, 0.2765,
0.3071

■ 125.4005, 0.2851,
0.3124

■ 39.4702, 0.2724,
0.3044

■ 157.9431, 0.2871,
0.3137

■ 27.1257, 0.2672,
0.3011

■ 195.6785, 0.2888,
0.3148

■ 17.6677, 0.2605,
0.2967

■ 238.9911, 0.2903,
0.3157

■ 10.7117, 0.2515,
0.2906

■ 288.2653, 0.2917,
0.3165

■ 5.8733, 0.2389,
0.2819

■ 343.8855, 0.2929,

■ 2.7682, 0.2198,

0.3172

0.2683

406.2361, 0.2939,
0.3179

1.0119, 0.1879,
0.2443

0.0000, 0.0000,
0.0000

74.3561, 0.2799,
0.3092

74.3561, 0.2799,
0.3092

66.7224, 0.2645,
0.2984

82.7730, 0.2955,
0.3191

59.8328, 0.2496,
0.2866

91.9921, 0.3111,
0.3281

53.6579, 0.2356,
0.2742

99.2741, 0.3174,
0.3363

48.1623, 0.2229,
0.2612

99.4965, 0.3173,
0.3366

■ 43.3069, 0.2119,
0.2478

■ 39.0472, 0.2030,
0.2343

■ 35.3303, 0.1961,
0.2210

■ 32.3970, 0.1915,
0.2094

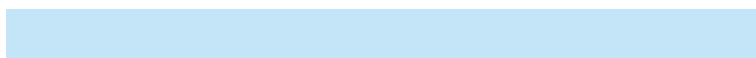
Harmonies

Analogous

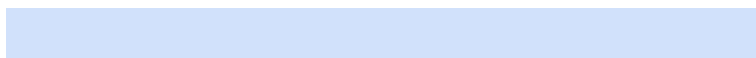
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3561, 0.2822, 0.3230



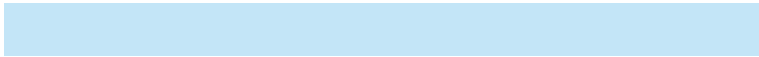
74.3561, 0.2799, 0.3092



74.3561, 0.2861, 0.3012

Triad

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



74.3561, 0.2799, 0.3092



74.3561, 0.3331, 0.3190



74.3561, 0.3255, 0.3592

Complementary

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



74.3561, 0.2799, 0.3092



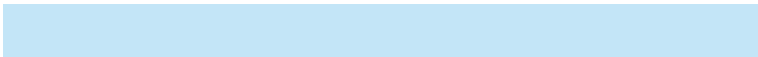
71.2959, 0.3514, 0.3480

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.



74.3561, 0.3397, 0.3571



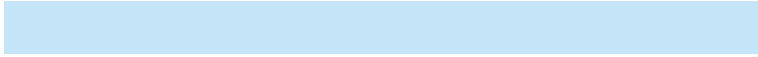
74.3561, 0.2799, 0.3092



74.3561, 0.3442, 0.3337

Square

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



74.3561, 0.2799, 0.3092



74.3561, 0.3166, 0.3070



74.3561, 0.3466, 0.3476



74.3561, 0.3082, 0.3525

Rectangle

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



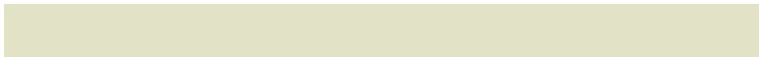
74.3561, 0.2799, 0.3092



74.3561, 0.2943, 0.2999



74.3561, 0.3466, 0.3476



74.3561, 0.3308, 0.3594

Sweetspot

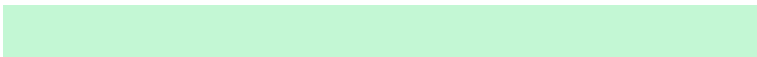
The Sweet Spot groups the original color and five complimentary colors.



74.3591, 0.2799, 0.3092



93.8814, 0.3034, 0.3238



82.9005, 0.3001, 0.3676



19.9560, 0.3024, 0.3232



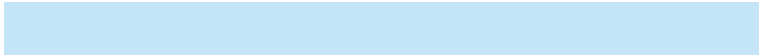
0.0000, 0.0000, 0.0000



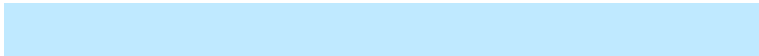
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3591, 0.2799, 0.3092



76.5735, 0.2737, 0.3050



61.3341, 0.2779, 0.2803



17.7361, 0.2980, 0.3206



17.4066, 0.1921, 0.2116



1.7213, 0.1967, 0.2280

Inverse Universe

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



64.4539, 0.3285, 0.2940



64.5106, 0.3321, 0.2871



85.0655, 0.3463, 0.3734



16.6652, 0.3191, 0.3136



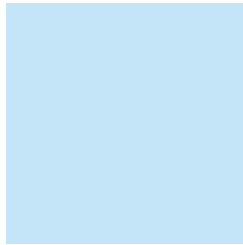
11.8566, 0.4324, 0.2156



1.0614, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 74.3561, 0.2799, 0.3092 looks on a white background.

Color Contrast Check

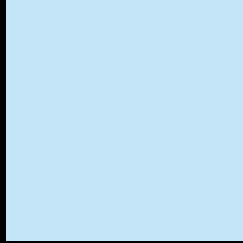
Large Text (above 18pt) WCAG AA × Fail

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 74.3561, 0.2799, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

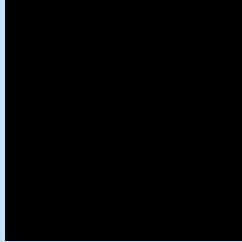
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3561, 0.2799, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 74.3561, 0.2799, 0.3092.

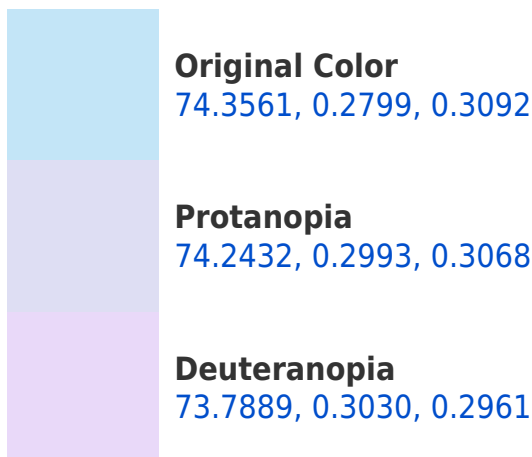


This preview shows how white text looks on a background with the Yxy color 74.3561, 0.2799, 0.3092.

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

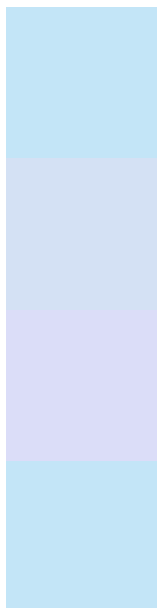




Tritanopia

74.3561, 0.2799, 0.3092

Trichromacy



Original Color

74.3561, 0.2799, 0.3092

Protanomaly

74.3791, 0.2921, 0.3086

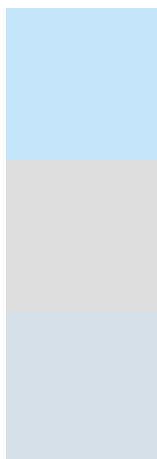
Deuteranomaly

73.5503, 0.2942, 0.3005

Tritanomaly

74.3561, 0.2799, 0.3092

Monochromacy



Original Color

74.3561, 0.2799, 0.3092

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0215, 0.3006, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3561, 0.2799, 0.3092 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(195, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(195, 229, 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(195, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 229, 247) }
```

Border

The CSS property to change the border of an element to Yxy 74.3561, 0.2799, 0.3092 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(195, 229, 247) }
```

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

```
.border{ border-color:rgb(195, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 229, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 229, 247); box-shadow:4px 4px 4px 4px rgb(195, 229, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3561, 0.2799, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 229, 247) }
```

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

```
.background{ background-color: rgb(195,  
229, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor