

Converting Colors

$Yxy(73.1328, 0.2809, 0.3091)$

Have a look what the booklet for
Yxy(73.1328, 0.2809, 0.3091)
contains.

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Color

Yxy(73.1328, 0.2809, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	C3E3F5
RGB	195, 227, 245
RGB Percent	76%, 89%, 96%
CMY	0.2352, 0.1098, 0.0392
CMYK	0.20, 0.07, 0.00, 0.04
HSL	202°, 71%, 86%
HSV	202°, 20%, 96%
XYZ	66.4607, 73.1328, 97.0057
YIQ	219.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

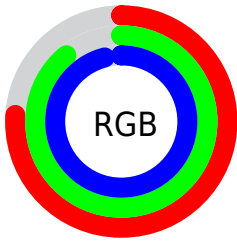
Format	Color
R _Y B	195, 215, 245
Decimal	12837877
CIE Lab	88.51, -6.69, -12.25
CIE LCh	89, 13.960, 241.379
Yxy	73.1328, 0.2809, 0.3091
Android (android.graphics.Color)	4291027957 (0xFFC3E3F5)
YUV	219.4840, 12.5794, -21.4725
Hunter-Lab	85.5177, -10.9335, -7.3923

Details

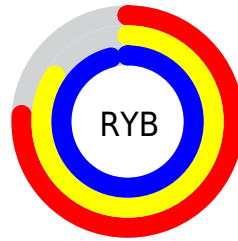
The Yxy color **73.1328, 0.2809, 0.3091** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9596, 0.3498, 0.3481**, and the grayscale version is **71.1202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.8419, 0.2738, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **65.4292, 0.2653, 0.2979**, and if you desaturate by 10%, it is **81.6254, 0.2966, 0.3194**.

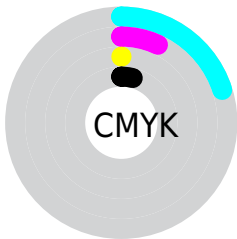
Distribution



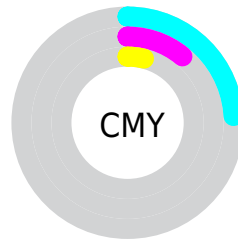
- Red (76%)
- Green (89%)
- Blue (96%)



- Red (76%)
- Yellow (84%)
- Blue (96%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1328, 0.2809, 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 73.1328, 0.2809, 0.3091 by changing the saturation by 10% instead.

73.1328, 0.2809,
0.3091

73.1328, 0.2809,
0.3091

471.4749, 0.2955,
0.3184

54.0846, 0.2776,
0.3070

123.6657, 0.2859,
0.3124

38.6693, 0.2736,
0.3043

155.9192, 0.2879,
0.3136

26.5025, 0.2685,
0.3009

193.3432, 0.2896,
0.3147

17.2000, 0.2619,
0.2964

236.3221, 0.2911,
0.3156

10.3772, 0.2531,
0.2903

285.2403, 0.2924,
0.3165

5.6497, 0.2405,
0.2815

340.4823, 0.2935,

2.6333, 0.2215,

0.3172

0.2676

402.4324, 0.2945,
0.3178

0.9434, 0.1887,
0.2431

0.0000, 0.0000,
0.0000

73.1328, 0.2809,
0.3091

73.1328, 0.2809,
0.3091

65.4292, 0.2653,
0.2979

81.6254, 0.2966,
0.3194

58.4760, 0.2503,
0.2857

90.9260, 0.3121,
0.3286

52.2440, 0.2360,
0.2727

98.4081, 0.3186,
0.3371

46.6985, 0.2231,
0.2592

99.3731, 0.3185,
0.3386

■ 41.8009, 0.2118,
0.2452

■ 37.5074, 0.2024,
0.2312

■ 33.7665, 0.1952,
0.2173

■ 30.6175, 0.1901,
0.2042

Harmonies

Analogous

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



73.1328, 0.2826, 0.3223



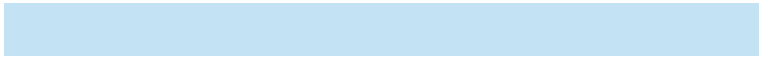
73.1328, 0.2809, 0.3091



73.1328, 0.2874, 0.3017

Triad

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



73.1328, 0.2809, 0.3091



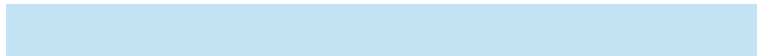
73.1328, 0.3334, 0.3201



73.1328, 0.3242, 0.3582

Complementary

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



73.1328, 0.2809, 0.3091



70.9596, 0.3498, 0.3481

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.



73.1328, 0.3383, 0.3567



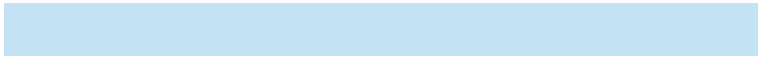
73.1328, 0.2809, 0.3091



73.1328, 0.3438, 0.3344

Square

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



73.1328, 0.2809, 0.3091



73.1328, 0.3175, 0.3082



73.1328, 0.3456, 0.3478



73.1328, 0.3073, 0.3512

Rectangle

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



73.1328, 0.2809, 0.3091



73.1328, 0.2957, 0.3008



73.1328, 0.3456, 0.3478



73.1328, 0.3294, 0.3586

Sweetspot

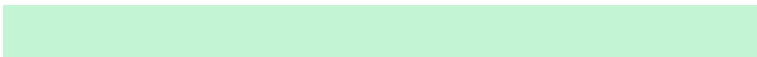
The Sweet Spot groups the original color and five complimentary colors.



73.1358, 0.2809, 0.3091



93.7460, 0.3034, 0.3236



81.6950, 0.3001, 0.3652



19.9240, 0.3024, 0.3230



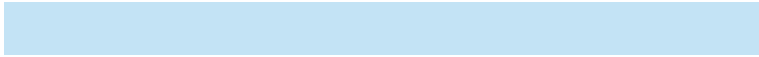
0.0000, 0.0000, 0.0000



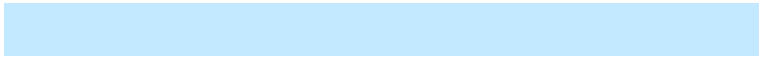
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1358, 0.2809, 0.3091



76.9126, 0.2752, 0.3051



60.6834, 0.2791, 0.2811



17.6949, 0.2980, 0.3203



16.7648, 0.1907, 0.2064



1.6678, 0.1954, 0.2235

Inverse Universe

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



63.9999, 0.3284, 0.2959



65.6350, 0.3318, 0.2897



84.2200, 0.3450, 0.3727



16.6610, 0.3193, 0.3140



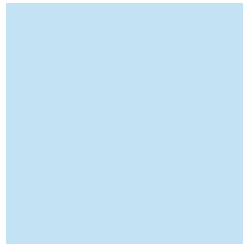
11.7918, 0.4381, 0.2187



1.0560, 0.4195, 0.2084

Previews

White Background



This preview shows how the Yxy color 73.1328, 0.2809, 0.3091 looks on a white background.

Color Contrast Check

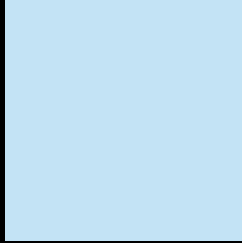
Large Text (above 18pt) WCAG AA × Fail

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 73.1328, 0.2809, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

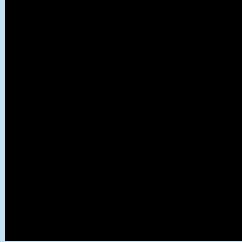
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

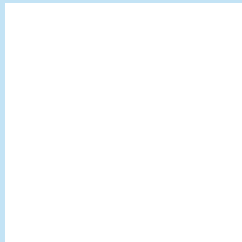
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1328, 0.2809, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 73.1328, 0.2809, 0.3091.

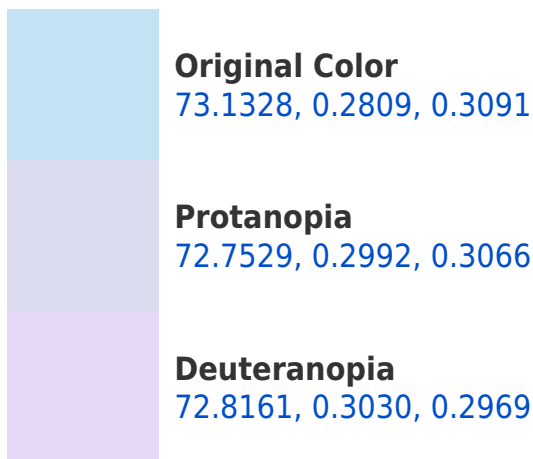


This preview shows how white text looks on a background with the Yxy color 73.1328, 0.2809, 0.3091.

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

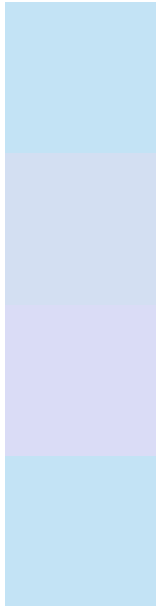




Tritanopia

73.1328, 0.2809, 0.3091

Trichromacy



Original Color

73.1328, 0.2809, 0.3091

Protanomaly

73.0350, 0.2926, 0.3085

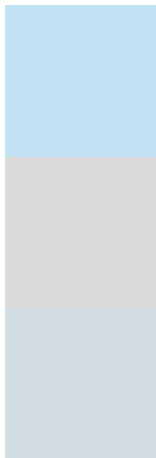
Deuteranomaly

72.7456, 0.2947, 0.3014

Tritanomaly

73.1328, 0.2809, 0.3091

Monochromacy



Original Color

73.1328, 0.2809, 0.3091

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.5456, 0.3005, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1328, 0.2809, 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(195, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 245)  
}
```

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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 245) }
```

Border

The CSS property to change the border of an element to Yxy 73.1328, 0.2809, 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(195, 227, 245) }
```

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

```
.border{ border-color:rgb(195, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 227, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 227, 245); box-shadow:4px 4px 4px 4px rgb(195, 227, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1328, 0.2809, 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(195, 227, 245) }
```

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

```
.background{ background-color: rgb(195,  
227, 245) }
```

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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