

Converting Colors

$Yxy(74.6119, 0.2859, 0.3088)$

Have a look what the booklet for
Yxy(74.6119, 0.2859, 0.3088)
contains.

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Color

Yxy(74.4294, 0.2859, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	CCE3F6
RGB	204, 227, 246
RGB Percent	80%, 89%, 96%
CMY	0.2001, 0.1098, 0.0353
CMYK	0.17, 0.08, 0.00, 0.04
HSL	207°, 70%, 88%
HSV	207°, 17%, 96%
XYZ	68.9992, 74.4294, 97.9118
YIQ	222.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

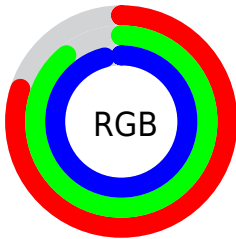
Format	Color
R_{YB}	204, 219, 246
Decimal	13427702
CIE _{Lab}	89.13, -3.75, -11.79
CIE _{LCh}	89, 12.376, 252.343
Yxy	74.4294, 0.2859, 0.3084
Android (android.graphics.Color)	4291617782 (0xFFCCE3F6)
YUV	222.2890, 11.6895, -16.0395
Hunter-Lab	86.2725, -8.2156, -6.8983

Details

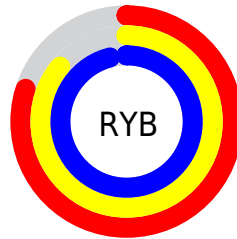
The Yxy color **74.4294, 0.2859, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7028, 0.3423, 0.3488**, and the grayscale version is **73.1870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6123, 0.2793, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **65.3426, 0.2698, 0.2946**, and if you desaturate by 10%, it is **84.4637, 0.3018, 0.3209**.

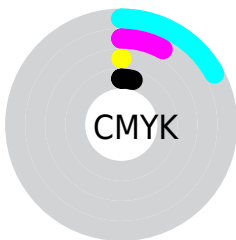
Distribution



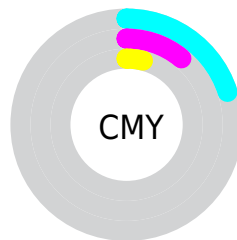
- Red (80%)
- Green (89%)
- Blue (96%)



- Red (80%)
- Yellow (86%)
- Blue (96%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4294, 0.2859, 0.3084 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 74.4294, 0.2859, 0.3084 by changing the saturation by 10% instead.

■ 74.4294, 0.2859,
0.3084

■ 74.4294, 0.2859,
0.3084

475.9541, 0.2982,
0.3179

■ 55.1456, 0.2831,
0.3062

125.5043, 0.2901,
0.3117

■ 39.5183, 0.2797,
0.3035

158.0642, 0.2918,
0.3130

■ 27.1631, 0.2755,
0.3001

195.8182, 0.2932,
0.3141

■ 17.6958, 0.2699,
0.2957

239.1507, 0.2945,
0.3151

■ 10.7318, 0.2624,
0.2896

288.4462, 0.2955,
0.3159

■ 5.8868, 0.2519,
0.2810

344.0890, 0.2965,

■ 2.7764, 0.2358,

0.3167

0.2675

406.4635, 0.2974,
0.3173

■ 1.0161, 0.2087,
0.2441

■ 0.0000, 0.0000,
0.0000

■ 74.4294, 0.2859,
0.3084

■ 74.4294, 0.2859,
0.3084

■ 65.3426, 0.2698,
0.2946

■ 84.4637, 0.3018,
0.3209

■ 57.1609, 0.2537,
0.2795

■ 95.4674, 0.3171,
0.3321

■ 49.8522, 0.2381,
0.2633

■ 99.4334, 0.3179,
0.3376

■ 43.3784, 0.2234,
0.2461

■ 37.6977, 0.2101,
0.2285

■ 32.7637, 0.1987,
0.2106

■ 28.5228, 0.1896,
0.1931

■ 24.9087, 0.1827,
0.1762

■ 23.9442, 0.1810,
0.1714

Harmonies

Analogous

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



74.4294, 0.2847, 0.3185



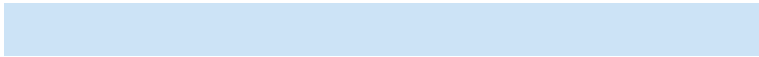
74.4294, 0.2859, 0.3084



74.4294, 0.2941, 0.3041

Triad

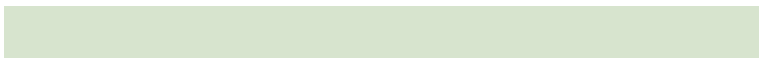
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4294, 0.2859, 0.3084



74.4294, 0.3350, 0.3257



74.4294, 0.3175, 0.3532

Complementary

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



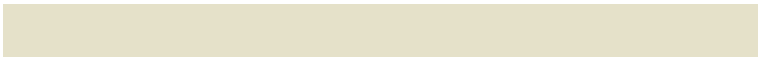
74.4294, 0.2859, 0.3084



76.7028, 0.3423, 0.3488

Split Complementary

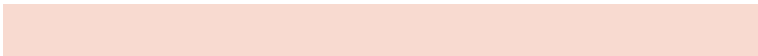
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4294, 0.3313, 0.3547



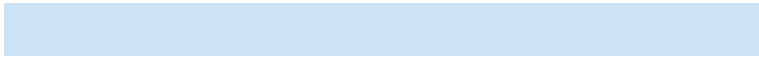
74.4294, 0.2859, 0.3084



74.4294, 0.3416, 0.3385

Square

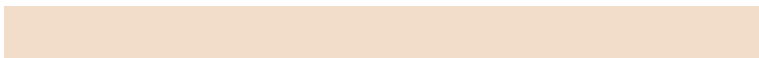
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4294, 0.2859, 0.3084



74.4294, 0.3224, 0.3140



74.4294, 0.3402, 0.3491



74.4294, 0.3027, 0.3447

Rectangle

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



74.4294, 0.2859, 0.3084



74.4294, 0.3026, 0.3048



74.4294, 0.3402, 0.3491



74.4294, 0.3224, 0.3546

Sweetspot

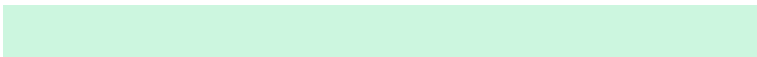
The Sweet Spot groups the original color and five complimentary colors.



74.4325, 0.2859, 0.3084



94.0415, 0.3050, 0.3234



84.0630, 0.2997, 0.3541



19.9541, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



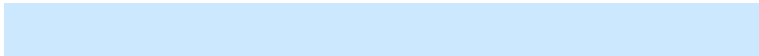
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4325, 0.2859, 0.3084



77.7486, 0.2811, 0.3044



63.6674, 0.2848, 0.2850



17.4328, 0.2980, 0.3180



13.0656, 0.1817, 0.1741



1.3535, 0.1875, 0.1951

Inverse Universe

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



68.3130, 0.3283, 0.3053



70.2697, 0.3315, 0.3010



88.5868, 0.3388, 0.3695



16.6346, 0.3207, 0.3161



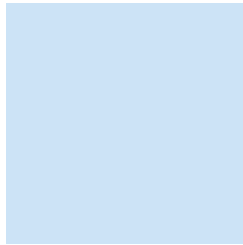
11.4184, 0.4756, 0.2394



1.0243, 0.4509, 0.2257

Previews

White Background



This preview shows how the Yxy color 74.4294, 0.2859, 0.3084 looks on a white background.

Color Contrast Check

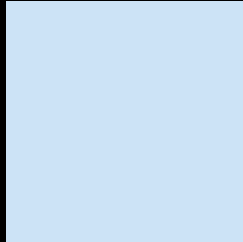
Large Text (above 18pt) WCAG AA × Fail

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 74.4294, 0.2859, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

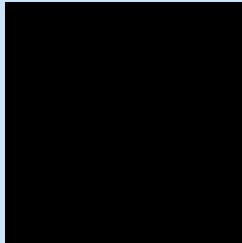
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

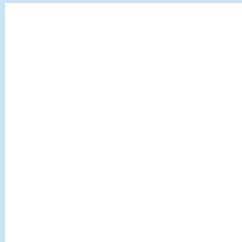
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4294, 0.2859, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 74.4294, 0.2859, 0.3084.

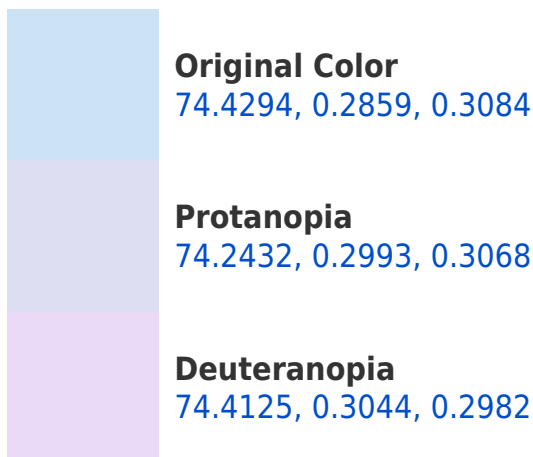


This preview shows how white text looks on a background with the Yxy color 74.4294, 0.2859, 0.3084.

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

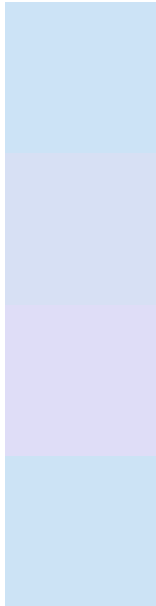




Tritanopia

74.3681, 0.2865, 0.3094

Trichromacy



Original Color

74.4294, 0.2859, 0.3084

Protanomaly

74.2900, 0.2941, 0.3076

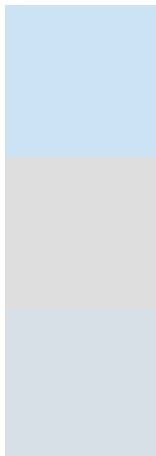
Deuteranomaly

74.1163, 0.2975, 0.3017

Tritanomaly

74.3681, 0.2865, 0.3094

Monochromacy



Original Color

74.4294, 0.2859, 0.3084

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5279, 0.3020, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4294, 0.2859, 0.3084 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(204, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 246)  
}
```

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(204, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 246) }
```

Border

The CSS property to change the border of an element to Yxy 74.4294, 0.2859, 0.3084 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(204, 227, 246) }
```

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

```
.border{ border-color:rgb(204, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4294, 0.2859, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 246) }
```

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

```
.background{ background-color: rgb(204,  
227, 246) }
```

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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