

Converting Colors

$Yxy(74.3719, 0.2871, 0.3102)$

Have a look what the booklet for
Yxy(74.3719, 0.2871, 0.3102)
contains.

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Color

Yxy(74.3072, 0.2871, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	CCE3F4
RGB	204, 227, 244
RGB Percent	80%, 89%, 96%
CMY	0.1998, 0.1098, 0.0432
CMYK	0.16, 0.07, 0.00, 0.04
HSL	206°, 64%, 88%
HSV	206°, 16%, 96%
XYZ	68.7072, 74.3072, 96.3002
YIQ	222.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

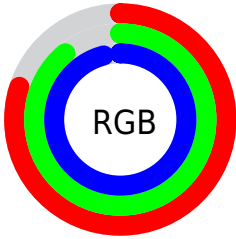
Format	Color
R _Y B	204, 219, 244
Decimal	13427700
CIE Lab	89.07, -4.14, -10.83
CIE LCh	89, 11.592, 249.073
Yxy	74.3072, 0.2871, 0.3105
Android (android.graphics.Color)	4291617780 (0xFFCCE3F4)
YUV	222.0610, 10.8159, -15.8395
Hunter-Lab	86.2016, -8.5789, -5.8947

Details

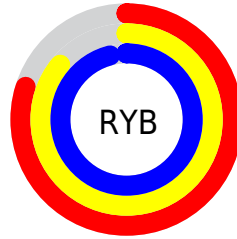
The Yxy color **74.3072, 0.2871, 0.3105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3267, 0.3411, 0.3468**, and the grayscale version is **73.0308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5254, 0.2807, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **65.6192, 0.2711, 0.2976**, and if you desaturate by 10%, it is **83.8839, 0.3029, 0.3222**.

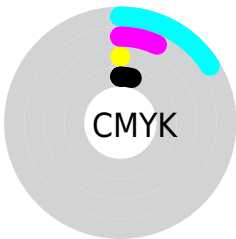
Distribution



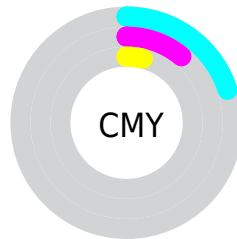
- Red (80%)
- Green (89%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3072, 0.2871, 0.3105 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 74.3072, 0.2871, 0.3105 by changing the saturation by 10% instead.

■ 74.3072, 0.2871,
0.3105

■ 74.3072, 0.2871,
0.3105

475.5329, 0.2988,
0.3191

■ 55.0455, 0.2845,
0.3085

125.3312, 0.2911,
0.3135

■ 39.4382, 0.2812,
0.3061

157.8623, 0.2927,
0.3146

■ 27.1008, 0.2771,
0.3030

195.5853, 0.2941,
0.3156

■ 17.6489, 0.2718,
0.2990

238.8846, 0.2953,
0.3165

■ 10.6982, 0.2646,
0.2935

288.1446, 0.2963,
0.3173

■ 5.8643, 0.2545,
0.2856

343.7498, 0.2973,

■ 2.7627, 0.2390,

0.3179

0.2733

406.0844, 0.2981,
0.3186

1.0092, 0.2127,
0.2516

0.0000, 0.0000,
0.0000

74.3072, 0.2871,
0.3105

74.3072, 0.2871,
0.3105

65.6192, 0.2711,
0.2976

83.8839, 0.3029,
0.3222

57.7795, 0.2553,
0.2835

94.3692, 0.3182,
0.3327

50.7580, 0.2399,
0.2684

99.3110, 0.3191,
0.3396

44.5190, 0.2255,
0.2524

■ 39.0231, 0.2125,
0.2359

■ 34.2267, 0.2014,
0.2191

■ 30.0793, 0.1924,
0.2025

■ 26.5199, 0.1856,
0.1865

■ 25.3412, 0.1836,
0.1808

Harmonies

Analogous

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



74.3072, 0.2868, 0.3204



74.3072, 0.2871, 0.3105



74.3072, 0.2941, 0.3058

Triad

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



74.3072, 0.2871, 0.3105



74.3072, 0.3325, 0.3246



74.3072, 0.3188, 0.3522

Complementary

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



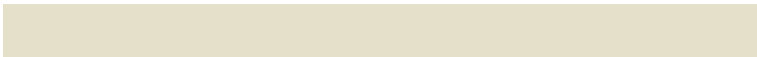
74.3072, 0.2871, 0.3105



75.3267, 0.3411, 0.3468

Split Complementary

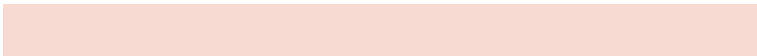
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3072, 0.3313, 0.3528



74.3072, 0.2871, 0.3105



74.3072, 0.3394, 0.3366

Square

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



74.3072, 0.2871, 0.3105



74.3072, 0.3203, 0.3139



74.3072, 0.3389, 0.3470



74.3072, 0.3048, 0.3449

Rectangle

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



74.3072, 0.2871, 0.3105



74.3072, 0.3018, 0.3060



74.3072, 0.3389, 0.3470



74.3072, 0.3233, 0.3532

Sweetspot

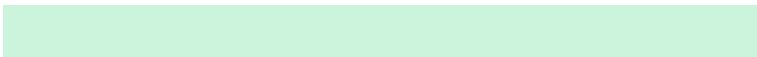
The Sweet Spot groups the original color and five complimentary colors.



74.3103, 0.2871, 0.3105



94.2492, 0.3050, 0.3237



82.7428, 0.3010, 0.3544



20.0046, 0.3039, 0.3229



0.0000, 0.0000, 0.0000



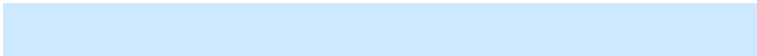
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3103, 0.2871, 0.3105



78.5064, 0.2812, 0.3059



64.1815, 0.2861, 0.2885



17.5078, 0.2980, 0.3187



14.0571, 0.1843, 0.1833



1.4390, 0.1898, 0.2032

Inverse Universe

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



67.9840, 0.3268, 0.3053



70.3462, 0.3305, 0.2997



86.3032, 0.3379, 0.3665



16.6421, 0.3203, 0.3155



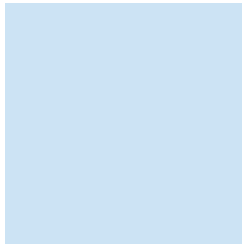
11.5184, 0.4646, 0.2333



1.0329, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 74.3072, 0.2871, 0.3105 looks on a white background.

Color Contrast Check

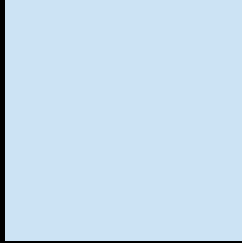
Large Text (above 18pt) WCAG AA × Fail

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 74.3072, 0.2871, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

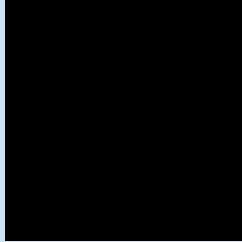
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

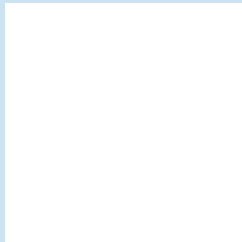
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3072, 0.2871, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 74.3072, 0.2871, 0.3105.



This preview shows how white text looks on a background with the Yxy color 74.3072, 0.2871, 0.3105.

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

74.3072, 0.2871, 0.3105

Protanopia

74.1230, 0.3005, 0.3089

Deuteranopia

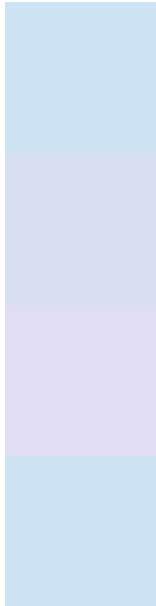
73.9417, 0.3064, 0.2992



Tritanopia

74.3681, 0.2865, 0.3094

Trichromacy



Original Color

74.3072, 0.2871, 0.3105

Protanomaly

74.1692, 0.2953, 0.3097

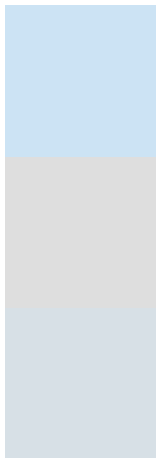
Deuteranomaly

74.1528, 0.2994, 0.3038

Tritanomaly

74.3681, 0.2865, 0.3094

Monochromacy



Original Color

74.3072, 0.2871, 0.3105

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4716, 0.3027, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3072, 0.2871, 0.3105 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.3072, 0.2871, 0.3105 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, 244) }
```

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

```
.border{ border-color:rgb(204, 227, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3072, 0.2871, 0.3105 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, 244) }
```

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

```
.background{ background-color: rgb(204,  
227, 244) }
```

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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