

Converting Colors

$Yxy(73.1374, 0.2870, 0.3053)$

Have a look what the booklet for
Yxy(73.1374, 0.2870, 0.3053)
contains.

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Color

Yxy(73.0869, 0.2870, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	CEE0F6
RGB	206, 224, 246
RGB Percent	81%, 88%, 96%
CMY	0.1924, 0.1215, 0.0354
CMYK	0.16, 0.09, 0.00, 0.04
HSL	213°, 69%, 89%
HSV	213°, 16%, 96%
XYZ	68.7285, 73.0869, 97.6567
YIQ	221.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

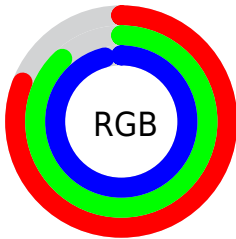
Format	Color
R _Y B	206, 218, 246
Decimal	13558006
CIE Lab	88.49, -1.60, -12.72
CIE LCh	88, 12.822, 262.825
Yxy	73.0869, 0.2870, 0.3052
Android (android.graphics.Color)	4291748086 (0xFFCEE0F6)
YUV	221.1260, 12.2629, -13.2655
Hunter-Lab	85.4909, -6.1079, -7.8837

Details

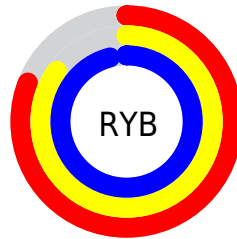
The Yxy color **73.0869, 0.2870, 0.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4732, 0.3401, 0.3517**, and the grayscale version is **72.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6729, 0.2806, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **62.8754, 0.2704, 0.2884**, and if you desaturate by 10%, it is **84.4305, 0.3030, 0.3203**.

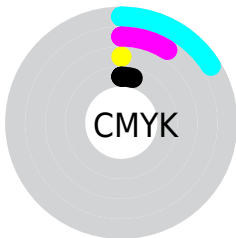
Distribution



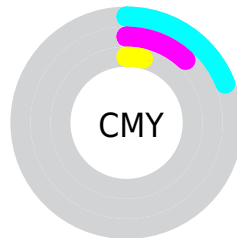
- Red (81%)
- Green (88%)
- Blue (96%)



- Red (81%)
- Yellow (85%)
- Blue (96%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0869, 0.2870, 0.3052 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 73.0869, 0.2870, 0.3052 by changing the saturation by 10% instead.

■ 73.0869, 0.2870,
0.3052

■ 73.0869, 0.2870,
0.3052

471.3159, 0.2988,
0.3162

■ 54.0470, 0.2843,
0.3027

123.6006, 0.2911,
0.3090

■ 38.6393, 0.2810,
0.2996

155.8431, 0.2927,
0.3105

■ 26.4792, 0.2769,
0.2957

193.2554, 0.2941,
0.3118

■ 17.1825, 0.2715,
0.2906

236.2218, 0.2952,
0.3129

■ 10.3647, 0.2642,
0.2837

285.1266, 0.2963,
0.3139

■ 5.6414, 0.2538,
0.2738

340.3543, 0.2972,

■ 2.6283, 0.2379,

0.3147

0.2585

402.2893, 0.2981,
0.3155

0.9409, 0.2108,
0.2322

0.0000, 0.0000,
0.0000

73.0869, 0.2870,
0.3052

73.0869, 0.2870,
0.3052

62.8754, 0.2704,
0.2884

84.4305, 0.3030,
0.3203

53.7482, 0.2535,
0.2700

96.9080, 0.3182,
0.3338

45.6669, 0.2367,
0.2501

99.4326, 0.3179,
0.3376

38.5872, 0.2206,
0.2291

■ 32.4608, 0.2058,
0.2076

■ 27.2345, 0.1928,
0.1860

■ 22.8476, 0.1823,
0.1652

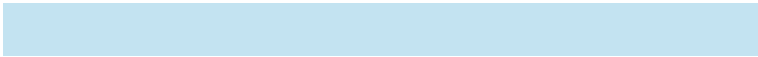
■ 19.2281, 0.1744,
0.1458

■ 18.0411, 0.1719,
0.1389

Harmonies

Analogous

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



73.0869, 0.2831, 0.3138



73.0869, 0.2870, 0.3052



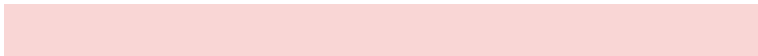
73.0869, 0.2977, 0.3030

Triad

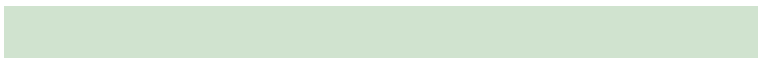
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0869, 0.2870, 0.3052



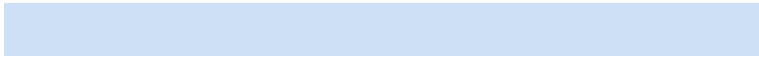
73.0869, 0.3392, 0.3302



73.0869, 0.3122, 0.3519

Complementary

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



73.0869, 0.2870, 0.3052



79.4732, 0.3401, 0.3517

Split Complementary

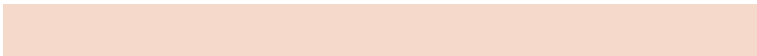
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0869, 0.3274, 0.3562



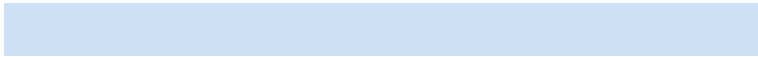
73.0869, 0.2870, 0.3052



73.0869, 0.3433, 0.3431

Square

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



73.0869, 0.2870, 0.3052



73.0869, 0.3279, 0.3173



73.0869, 0.3389, 0.3528



73.0869, 0.2974, 0.3410

Rectangle

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



73.0869, 0.2870, 0.3052



73.0869, 0.3074, 0.3053



73.0869, 0.3389, 0.3528



73.0869, 0.3175, 0.3542

Sweetspot

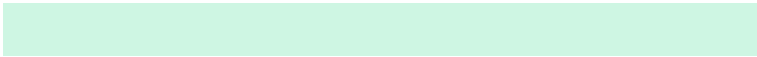
The Sweet Spot groups the original color and five complimentary colors.



73.0899, 0.2870, 0.3052



93.2813, 0.3050, 0.3221



84.5754, 0.2984, 0.3491



19.7694, 0.3039, 0.3211



0.0000, 0.0000, 0.0000



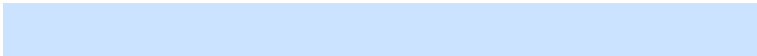
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0899, 0.2870, 0.3052



75.0134, 0.2808, 0.2991



64.0718, 0.2870, 0.2851



17.1593, 0.2980, 0.3157



9.9029, 0.1728, 0.1419



1.0727, 0.1794, 0.1658

Inverse Universe

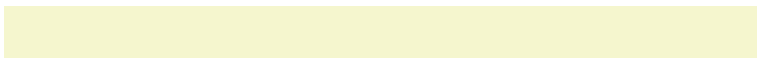
The Inverse Universe completely reimagines the original color for something new.



69.0865, 0.3303, 0.3104



69.9936, 0.3351, 0.3058



89.7019, 0.3363, 0.3696



16.6070, 0.3223, 0.3184



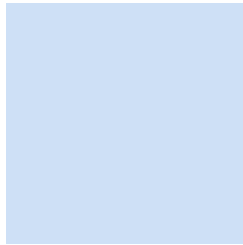
11.0991, 0.5165, 0.2619



0.9959, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 73.0869, 0.2870, 0.3052 looks on a white background.

Color Contrast Check

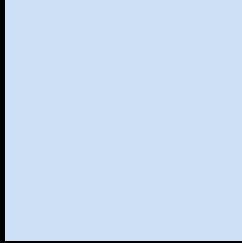
Large Text (above 18pt) WCAG AA × Fail

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 73.0869, 0.2870, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

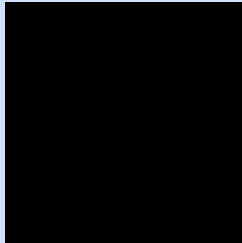
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

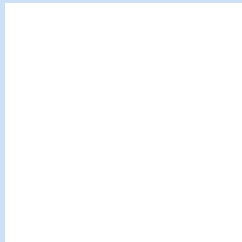
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0869, 0.2870, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 73.0869, 0.2870, 0.3052.

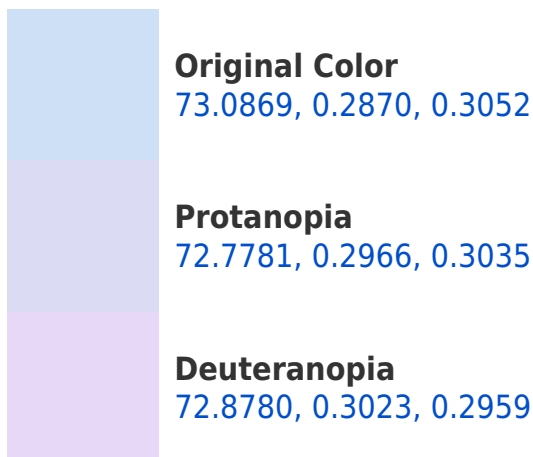


This preview shows how white text looks on a background with the Yxy color 73.0869, 0.2870, 0.3052.

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

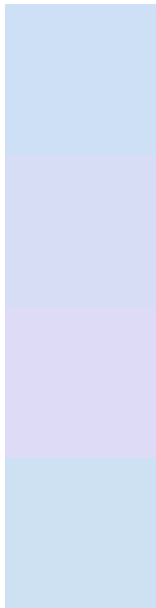




Tritanopia

73.2404, 0.2888, 0.3104

Trichromacy



Original Color

73.0869, 0.2870, 0.3052

Protanomaly

72.6016, 0.2927, 0.3033

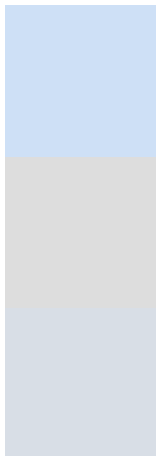
Deuteranomaly

72.9080, 0.2968, 0.2995

Tritanomaly

73.3006, 0.2882, 0.3094

Monochromacy



Original Color

73.0869, 0.2870, 0.3052

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5547, 0.3034, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0869, 0.2870, 0.3052 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(206, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 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(206, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.0869, 0.2870, 0.3052 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(206, 224, 246) }
```

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

```
.border{ border-color:rgb(206, 224, 246) }
```

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

Here you see how a box with a 4 pixel rgb(206, 224, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0869, 0.2870, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 246) }
```

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

```
.background{ background-color: rgb(206,  
224, 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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