

Converting Colors

$Yxy(73.1174, 0.2836, 0.2976)$

Have a look what the booklet for
Yxy(73.1174, 0.2836, 0.2976)
contains.

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Color

Yxy(73.0690, 0.2841, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	CFDFFC
RGB	207, 223, 252
RGB Percent	81%, 87%, 99%
CMY	0.1883, 0.1254, 0.0118
CMYK	0.18, 0.12, 0.00, 0.01
HSL	219°, 88%, 90%
HSV	219°, 18%, 99%
XYZ	69.6841, 73.0690, 102.5272
YIQ	221.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

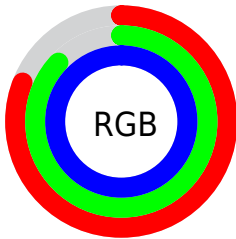
Format	Color
R _Y B	207, 219, 252
Decimal	13623292
CIE Lab	88.48, 0.51, -15.89
CIE LCh	88, 15.899, 271.823
Yxy	73.0690, 0.2841, 0.2979
Android (android.graphics.Color)	4291813372 (0xFFCFDFFC)
YUV	221.5220, 15.0257, -12.7358
Hunter-Lab	85.4804, -4.0765, -11.2775

Details

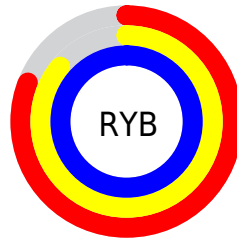
The Yxy color **73.0690, 0.2841, 0.2979** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1678, 0.3424, 0.3583**, and the grayscale version is **72.5933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6208, 0.2776, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **61.4696, 0.2668, 0.2777**, and if you desaturate by 10%, it is **86.0843, 0.3005, 0.3161**.

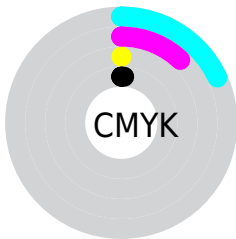
Distribution



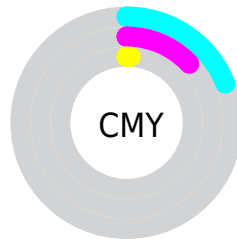
- Red (81%)
- Green (87%)
- Blue (99%)



- Red (81%)
- Yellow (86%)
- Blue (99%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0690, 0.2841, 0.2979 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 73.0690, 0.2841, 0.2979 by changing the saturation by 10% instead.

■ 73.0690, 0.2841,
0.2979

■ 73.0690, 0.2841,
0.2979

471.2539, 0.2973,
0.3122

■ 54.0324, 0.2811,
0.2947

123.5752, 0.2886,
0.3028

■ 38.6276, 0.2775,
0.2907

155.8135, 0.2904,
0.3048

■ 26.4701, 0.2728,
0.2857

193.2212, 0.2919,
0.3064

■ 17.1757, 0.2668,
0.2792

236.1826, 0.2933,
0.3079

■ 10.3598, 0.2588,
0.2705

285.0822, 0.2945,
0.3091

■ 5.6382, 0.2473,
0.2582

340.3044, 0.2955,

■ 2.6263, 0.2299,

0.3103

0.2394

402.2335, 0.2964,
0.3113

0.9399, 0.2007,
0.2082

0.0000, 0.0000,
0.0000

73.0690, 0.2841,
0.2979

73.0690, 0.2841,
0.2979

61.4696, 0.2668,
0.2777

86.0843, 0.3005,
0.3161

51.2264, 0.2490,
0.2555

99.8084, 0.3144,
0.3319

42.2885, 0.2312,
0.2317

34.5980, 0.2139,
0.2068

■ 28.0921, 0.1980,
0.1817

■ 22.7012, 0.1843,
0.1572

■ 18.3470, 0.1733,
0.1345

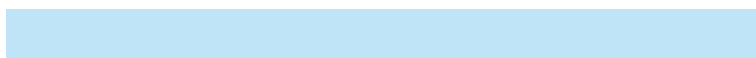
■ 14.9320, 0.1655,
0.1146

■ 14.3023, 0.1641,
0.1107

Harmonies

Analogous

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



73.0690, 0.2766, 0.3061



73.0690, 0.2841, 0.2979



73.0690, 0.2992, 0.2979

Triad

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



73.0690, 0.2841, 0.2979



73.0690, 0.3482, 0.3353



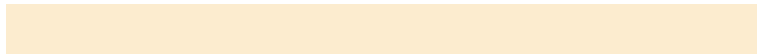
73.0690, 0.3062, 0.3543

Complementary

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



73.0690, 0.2841, 0.2979



85.1678, 0.3424, 0.3583

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.



73.0690, 0.3255, 0.3623



73.0690, 0.2841, 0.2979



73.0690, 0.3501, 0.3505

Square

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



73.0690, 0.2841, 0.2979



73.0690, 0.3365, 0.3190



73.0690, 0.3417, 0.3607



73.0690, 0.2891, 0.3388

Rectangle

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



73.0690, 0.2841, 0.2979



73.0690, 0.3118, 0.3022



73.0690, 0.3417, 0.3607



73.0690, 0.3127, 0.3579

Sweetspot

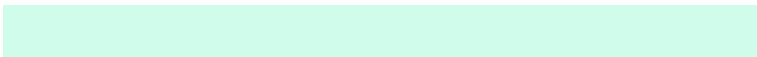
The Sweet Spot groups the original color and five complimentary colors.



73.0720, 0.2841, 0.2979



92.5359, 0.3050, 0.3209



88.9101, 0.2946, 0.3464



19.5885, 0.3039, 0.3198



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.



73.0720, 0.2841, 0.2979



71.1631, 0.2787, 0.2918



65.7827, 0.2872, 0.2807



17.6548, 0.2979, 0.3133



7.7018, 0.1649, 0.1137



0.9053, 0.1715, 0.1373

Inverse Universe

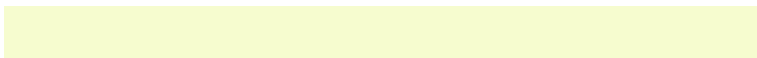
The Inverse Universe completely reimagines the original color for something new.



70.6361, 0.3355, 0.3127



68.4387, 0.3404, 0.3097



93.7183, 0.3357, 0.3742



17.3274, 0.3238, 0.3206



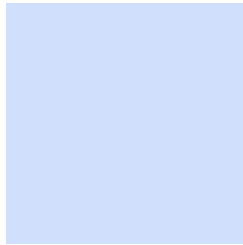
11.1884, 0.5557, 0.2835



1.0556, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 73.0690, 0.2841, 0.2979 looks on a white background.

Color Contrast Check

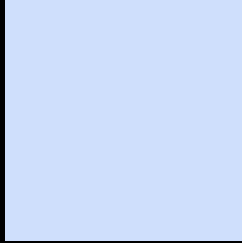
Large Text (above 18pt) WCAG AA × Fail

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 73.0690, 0.2841, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

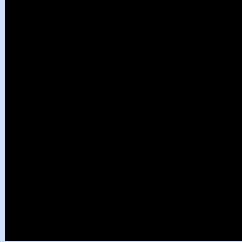
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

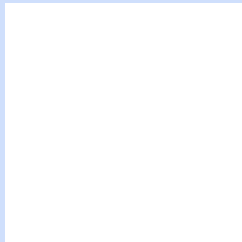
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0690, 0.2841, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 73.0690, 0.2841, 0.2979.

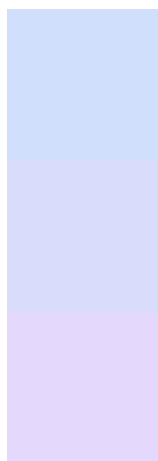


This preview shows how white text looks on a background with the Yxy color 73.0690, 0.2841, 0.2979.

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

73.0690, 0.2841, 0.2979

Protanopia

72.8402, 0.2916, 0.2973

Deuteranopia

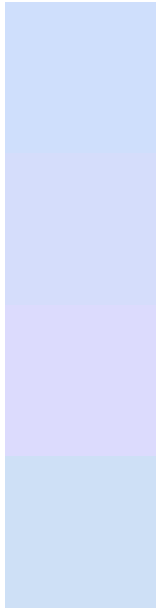
72.6976, 0.2971, 0.2908



Tritanopia

73.2404, 0.2888, 0.3104

Trichromacy



Original Color

73.0690, 0.2841, 0.2979

Protanomaly

72.8241, 0.2885, 0.2971

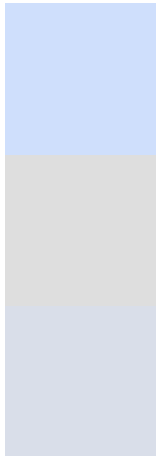
Deuteranomaly

72.9705, 0.2918, 0.2934

Tritanomaly

73.0869, 0.2870, 0.3052

Monochromacy



Original Color

73.0690, 0.2841, 0.2979

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8775, 0.3022, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0690, 0.2841, 0.2979 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(207, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 223, 252)  
}
```

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(207, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 223, 252) }
```

Border

The CSS property to change the border of an element to Yxy 73.0690, 0.2841, 0.2979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

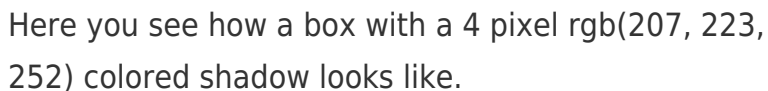
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 223, 252) }
```

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

```
.border{ border-color:rgb(207, 223, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 223, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 223, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 223, 252); box-shadow:4px 4px 4px 4px rgb(207, 223, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0690, 0.2841, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 223, 252) }
```

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

```
.background{ background-color: rgb(207,  
223, 252) }
```

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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