

Converting Colors

$Y_{xy}(72.1472, 0.2904, 0.3000)$

Have a look what the booklet for
Yxy(72.1472, 0.2904, 0.3000)
contains.

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Color

Yxy(72.0479, 0.2908, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCF7
RGB	213, 220, 247
RGB Percent	84%, 86%, 97%
CMY	0.1648, 0.1372, 0.0314
CMYK	0.14, 0.11, 0.00, 0.03
HSL	228°, 68%, 90%
HSV	228°, 14%, 97%
XYZ	69.8152, 72.0479, 98.2166
YIQ	220.9850, -12.8390, 6.9130

Conversions

Conversions Part 2

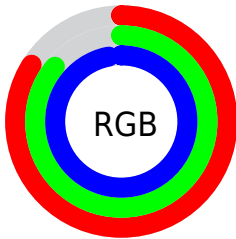
Format	Color
R _Y B	213, 219, 247
Decimal	14015735
CIE Lab	87.99, 2.90, -13.95
CIE LCh	88, 14.245, 281.729
Yxy	72.0479, 0.2908, 0.3001
Android (android.graphics.Color)	4292205815 (0xFFD5DCF7)
YUV	220.9850, 12.8254, -7.0028
Hunter-Lab	84.8810, -1.7245, -9.1882

Details

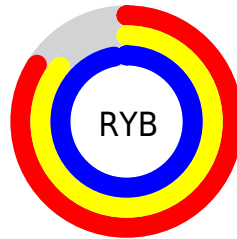
The Yxy color **72.0479, 0.2908, 0.3001** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8687, 0.3344, 0.3563**, and the grayscale version is **72.2093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9410, 0.2853, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **58.9473, 0.2732, 0.2760**, and if you desaturate by 10%, it is **86.9217, 0.3070, 0.3216**.

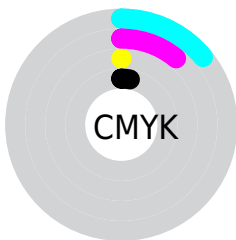
Distribution



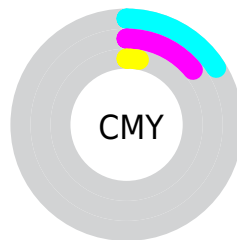
- Red (84%)
- Green (86%)
- Blue (97%)



- Red (84%)
- Yellow (86%)
- Blue (97%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0479, 0.2908, 0.3001 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 72.0479, 0.2908, 0.3001 by changing the saturation by 10% instead.

■ 72.0479, 0.2908,
0.3001

■ 72.0479, 0.2908,
0.3001

467.7083, 0.3009,
0.3134

■ 53.1978, 0.2885,
0.2971

122.1246, 0.2943,
0.3047

■ 37.9607, 0.2856,
0.2934

154.1201, 0.2957,
0.3065

■ 25.9522, 0.2820,
0.2888

191.2660, 0.2969,
0.3080

■ 16.7879, 0.2773,
0.2827

233.9470, 0.2979,
0.3094

■ 10.0834, 0.2709,
0.2746

282.5473, 0.2988,
0.3105

■ 5.4543, 0.2617,
0.2631

337.4514, 0.2996,

■ 2.5162, 0.2474,

0.3116

0.2455

399.0436, 0.3003,
0.3125

0.8847, 0.2227,
0.2157

0.0000, 0.0000,
0.0000

72.0479, 0.2908,
0.3001

72.0479, 0.2908,
0.3001

58.9473, 0.2732,
0.2760

86.9217, 0.3070,
0.3216

47.5442, 0.2544,
0.2494

99.4950, 0.3173,
0.3367

37.7704, 0.2349,
0.2207

29.5497, 0.2155,
0.1908

■ 22.7997, 0.1971,
0.1610

■ 17.4297, 0.1809,
0.1328

■ 13.3386, 0.1679,
0.1080

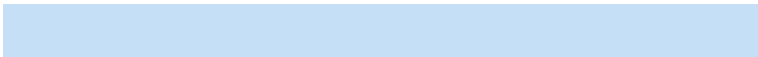
■ 10.4092, 0.1589,
0.0881

■ 9.0926, 0.1551,
0.0785

Harmonies

Analogous

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



72.0479, 0.2815, 0.3052



72.0479, 0.2908, 0.3001



72.0479, 0.3061, 0.3025

Triad

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



72.0479, 0.2908, 0.3001



72.0479, 0.3463, 0.3396



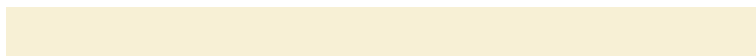
72.0479, 0.3014, 0.3476

Complementary

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



72.0479, 0.2908, 0.3001



86.8687, 0.3344, 0.3563

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.



72.0479, 0.3186, 0.3574



72.0479, 0.2908, 0.3001



72.0479, 0.3448, 0.3522

Square

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



72.0479, 0.2908, 0.3001



72.0479, 0.3384, 0.3248



72.0479, 0.3346, 0.3589



72.0479, 0.2875, 0.3326

Rectangle

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



72.0479, 0.2908, 0.3001



72.0479, 0.3178, 0.3078



72.0479, 0.3346, 0.3589



72.0479, 0.3070, 0.3517

Sweetspot

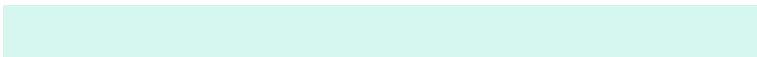
The Sweet Spot groups the original color and five complimentary colors.



72.0509, 0.2908, 0.3001



93.0635, 0.3066, 0.3211



86.9289, 0.2958, 0.3367



19.6478, 0.3055, 0.3196



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.



72.0509, 0.2908, 0.3001



72.6781, 0.2852, 0.2925



69.9168, 0.2972, 0.2931



16.4822, 0.2979, 0.3096



4.9714, 0.1558, 0.0808



0.5784, 0.1618, 0.1025

Inverse Universe

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



72.5163, 0.3331, 0.3218



73.3724, 0.3389, 0.3200



89.3862, 0.3269, 0.3639



16.5386, 0.3261, 0.3241



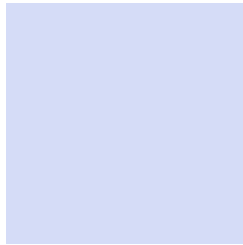
10.6012, 0.6057, 0.3110



0.9460, 0.5722, 0.2926

Previews

White Background



This preview shows how the Yxy color 72.0479, 0.2908, 0.3001 looks on a white background.

Color Contrast Check

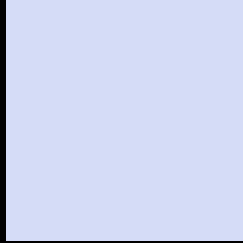
Large Text (above 18pt) WCAG AA × Fail

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 72.0479, 0.2908, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

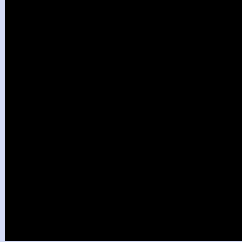
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0479, 0.2908, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 72.0479, 0.2908, 0.3001.

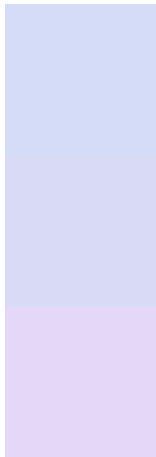


This preview shows how white text looks on a background with the Yxy color 72.0479, 0.2908, 0.3001.

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

72.0479, 0.2908, 0.3001

Protanopia

72.0686, 0.2941, 0.3002

Deuteranopia

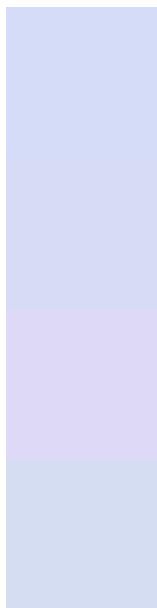
72.0362, 0.3009, 0.2947



Tritanopia

71.9419, 0.2950, 0.3095

Trichromacy



Original Color

72.0479, 0.2908, 0.3001

Protanomaly

71.9158, 0.2934, 0.3002

Deuteranomaly

72.0910, 0.2968, 0.2964

Tritanomaly

72.1208, 0.2932, 0.3063

Monochromacy



Original Color

72.0479, 0.2908, 0.3001

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3315, 0.3048, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0479, 0.2908, 0.3001 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(213, 220, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 247)  
}
```

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(213, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 247) }
```

Border

The CSS property to change the border of an element to Yxy 72.0479, 0.2908, 0.3001 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(213, 220, 247) }
```

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

```
.border{ border-color:rgb(213, 220, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0479, 0.2908, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 247) }
```

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

```
.background{ background-color: rgb(213,  
220, 247) }
```

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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