

Converting Colors

$Yxy(72.0825, 0.2846, 0.2959)$

Have a look what the booklet for
Yxy(72.0825, 0.2846, 0.2959)
contains.

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Color

Yxy(72.1511, 0.2846, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	D0DDFC
RGB	208, 221, 252
RGB Percent	82%, 87%, 99%
CMY	0.1846, 0.1332, 0.0118
CMYK	0.17, 0.12, 0.00, 0.01
HSL	222°, 88%, 90%
HSV	222°, 17%, 99%
XYZ	69.4192, 72.1511, 102.3482
YIQ	220.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

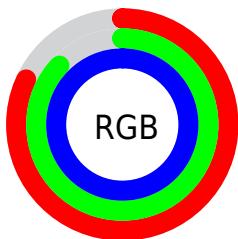
Format	Color
R _Y B	208, 218, 252
Decimal	13688316
CIE Lab	88.04, 1.83, -16.53
CIE LCh	88, 16.635, 276.307
Yxy	72.1511, 0.2846, 0.2958
Android (android.graphics.Color)	4291878396 (0xFFD0DDFC)
YUV	220.6470, 15.4570, -11.0914
Hunter-Lab	84.9418, -2.7679, -11.9805

Details

The Yxy color **72.1511, 0.2846, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8983, 0.3413, 0.3601**, and the grayscale version is **71.9377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9849, 0.2782, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **59.9286, 0.2670, 0.2737**, and if you desaturate by 10%, it is **85.9450, 0.3011, 0.3156**.

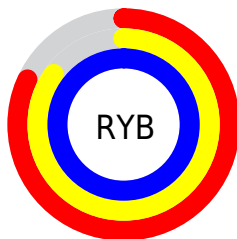
Distribution



Red (82%)

Green (87%)

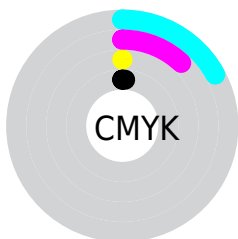
Blue (99%)



Red (82%)

Yellow (85%)

Blue (99%)

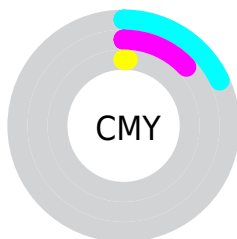


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1511, 0.2846, 0.2958 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 72.1511, 0.2846, 0.2958 by changing the saturation by 10% instead.

■ 72.1511, 0.2846,
0.2958

■ 72.1511, 0.2846,
0.2958

468.0674, 0.2976,
0.3110

■ 53.2821, 0.2817,
0.2924

122.2713, 0.2891,
0.3011

■ 38.0280, 0.2780,
0.2881

154.2914, 0.2908,
0.3031

■ 26.0044, 0.2734,
0.2828

191.4639, 0.2923,
0.3049

■ 16.8270, 0.2675,
0.2759

234.1733, 0.2937,
0.3064

■ 10.1112, 0.2594,
0.2666

282.8039, 0.2948,
0.3078

■ 5.4727, 0.2480,
0.2535

337.7402, 0.2958,

■ 2.5272, 0.2305,

0.3090

0.2337

399.3666, 0.2967,
0.3101

0.8902, 0.2010,
0.2007

0.0000, 0.0000,
0.0000

72.1511, 0.2846,
0.2958

72.1511, 0.2846,
0.2958

59.9286, 0.2670,
0.2737

85.9450, 0.3011,
0.3156

49.2108, 0.2487,
0.2495

99.8072, 0.3145,
0.3319

39.9393, 0.2301,
0.2235

32.0482, 0.2121,
0.1965

■ 25.4657, 0.1954,
0.1695

■ 20.1132, 0.1810,
0.1436

■ 15.9015, 0.1696,
0.1202

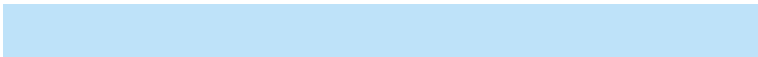
■ 12.7234, 0.1617,
0.1005

■ 12.0583, 0.1600,
0.0961

Harmonies

Analogous

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



72.1511, 0.2754, 0.3031



72.1511, 0.2846, 0.2958



72.1511, 0.3014, 0.2971

Triad

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



72.1511, 0.2846, 0.2958



72.1511, 0.3511, 0.3381



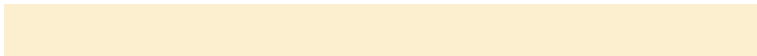
72.1511, 0.3029, 0.3536

Complementary

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



72.1511, 0.2846, 0.2958



86.8983, 0.3413, 0.3601

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.



72.1511, 0.3231, 0.3634



72.1511, 0.2846, 0.2958



72.1511, 0.3514, 0.3536

Square

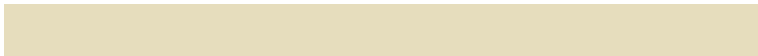
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1511, 0.2846, 0.2958



72.1511, 0.3401, 0.3210



72.1511, 0.3410, 0.3632



72.1511, 0.2858, 0.3365

Rectangle

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



72.1511, 0.2846, 0.2958



72.1511, 0.3149, 0.3024



72.1511, 0.3410, 0.3632



72.1511, 0.3096, 0.3579

Sweetspot

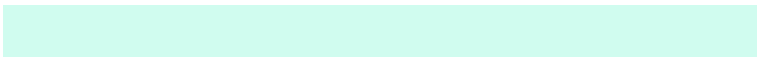
The Sweet Spot groups the original color and five complimentary colors.



72.1541, 0.2846, 0.2958



92.0801, 0.3051, 0.3202



89.2261, 0.2933, 0.3429



19.4779, 0.3040, 0.3189



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.



72.1541, 0.2846, 0.2958



69.5254, 0.2785, 0.2883



66.8083, 0.2899, 0.2821



17.4849, 0.2979, 0.3118



6.5049, 0.1608, 0.0989



0.7787, 0.1672, 0.1220

Inverse Universe

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



70.9852, 0.3368, 0.3157



68.2733, 0.3428, 0.3129



93.2452, 0.3332, 0.3735



17.3102, 0.3247, 0.3220



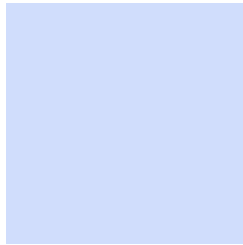
11.0676, 0.5775, 0.2955



1.0428, 0.5438, 0.2770

Previews

White Background



This preview shows how the Yxy color 72.1511, 0.2846, 0.2958 looks on a white background.

Color Contrast Check

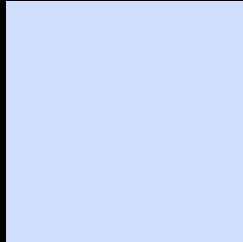
Large Text (above 18pt) WCAG AA × Fail

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 72.1511, 0.2846, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

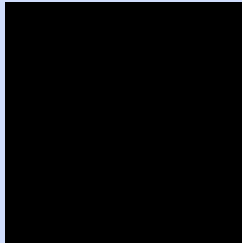
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1511, 0.2846, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 72.1511, 0.2846, 0.2958.



This preview shows how white text looks on a background with the Yxy color 72.1511, 0.2846, 0.2958.

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

72.1511, 0.2846, 0.2958

Protanopia

72.2270, 0.2903, 0.2951

Deuteranopia

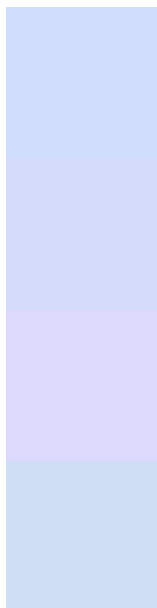
72.0236, 0.2964, 0.2896



Tritanopia

72.2480, 0.2899, 0.3093

Trichromacy



Original Color

72.1511, 0.2846, 0.2958

Protanomaly

72.2976, 0.2884, 0.2960

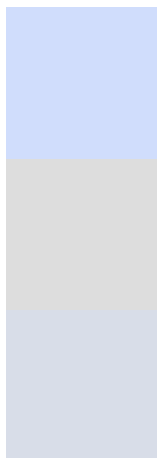
Deuteranomaly

71.9332, 0.2917, 0.2912

Tritanomaly

72.1005, 0.2882, 0.3040

Monochromacy



Original Color

72.1511, 0.2846, 0.2958

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1380, 0.3021, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1511, 0.2846, 0.2958 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(208, 221, 252)` looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 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(208, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 252) }
```

Border

The CSS property to change the border of an element to Yxy 72.1511, 0.2846, 0.2958 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(208, 221, 252) }
```

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

```
.border{ border-color:rgb(208, 221, 252) }
```

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

Here you see how a box with a 4 pixel rgb(208, 221, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 252);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1511, 0.2846, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 252) }
```

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

```
.background{ background-color: rgb(208,  
221, 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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