

Converting Colors

$Yxy(72.7493, 0.2796, 0.2948)$

Have a look what the booklet for
Yxy(72.7493, 0.2796, 0.2948)
contains.

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Color

Yxy(72.6919, 0.2799, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBDFFF</code>
RGB	<code>203, 223, 255</code>
RGB Percent	<code>80%, 87%, 100%</code>
CMY	<code>0.2039, 0.1255, 0.0000</code>
CMYK	<code>0.20, 0.13, 0.00, 0.00</code>
HSL	<code>217°, 100%, 90%</code>
HSV	<code>217°, 20%, 100%</code>
XYZ	<code>69.0647, 72.6919, 104.9912</code>
YIQ	<code>220.6680, -22.1920, 5.7120</code>

Conversions

Conversions Part 2

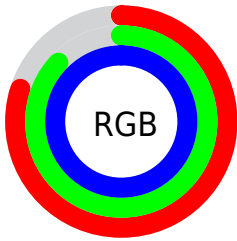
Format	Color
R _Y B	203, 217, 255
Decimal	13361151
CIE Lab	88.30, -0.06, -17.76
CIE LCh	88, 17.760, 269.813
Yxy	72.6919, 0.2799, 0.2946
Android (android.graphics.Color)	4291551231 (0xFFCDBDFFF)
YUV	220.6680, 16.9257, -15.4948
Hunter-Lab	85.2595, -4.6098, -13.3298

Details

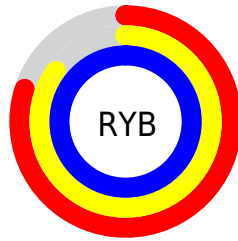
The Yxy color **72.6919, 0.2799, 0.2946** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9795, 0.3473, 0.3612**, and the grayscale version is **71.9539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3784, 0.2723, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **61.4059, 0.2626, 0.2748**, and if you desaturate by 10%, it is **85.3493, 0.2965, 0.3125**.

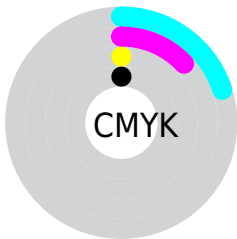
Distribution



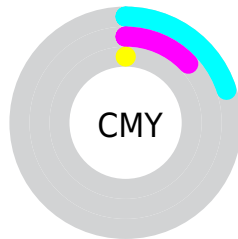
- Red (80%)
- Green (87%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6919, 0.2799, 0.2946 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 72.6919, 0.2799, 0.2946 by changing the saturation by 10% instead.

■ 72.6919, 0.2799,
0.2946

■ 72.6919, 0.2799,
0.2946

469.9463, 0.2950,
0.3104

■ 53.7241, 0.2765,
0.2910

123.0397, 0.2851,
0.3001

■ 38.3811, 0.2723,
0.2866

155.1885, 0.2871,
0.3022

■ 26.2786, 0.2670,
0.2811

192.4997, 0.2889,
0.3040

■ 17.0322, 0.2602,
0.2740

235.3578, 0.2904,
0.3056

■ 10.2574, 0.2510,
0.2643

284.1471, 0.2918,
0.3070

■ 5.5700, 0.2381,
0.2507

339.2520, 0.2929,

■ 2.5854, 0.2186,

0.3083

0.2302

401.0569, 0.2940,
0.3094

0.9193, 0.1863,
0.1964

0.0000, 0.0000,
0.0000

72.6919, 0.2799,
0.2946

72.6919, 0.2799,
0.2946

61.4059, 0.2626,
0.2748

85.3493, 0.2965,
0.3125

51.4327, 0.2450,
0.2532

99.4161, 0.3121,
0.3284

42.7221, 0.2276,
0.2302

99.9995, 0.3127,
0.3290

35.2170, 0.2110,
0.2063

■ 28.8551, 0.1960,
0.1821

■ 23.5671, 0.1832,
0.1587

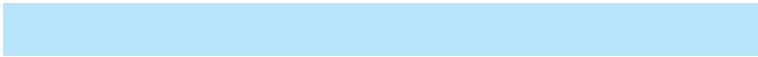
■ 19.2736, 0.1732,
0.1370

■ 15.9770, 0.1662,
0.1184

Harmonies

Analogous

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



72.6919, 0.2723, 0.3042



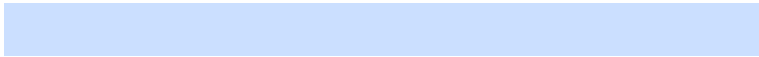
72.6919, 0.2799, 0.2946



72.6919, 0.2963, 0.2940

Triad

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



72.6919, 0.2799, 0.2946



72.6919, 0.3520, 0.3347



72.6919, 0.3068, 0.3583

Complementary

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



72.6919, 0.2799, 0.2946



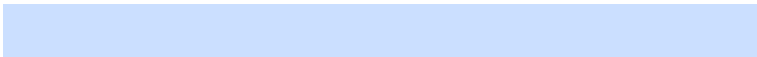
84.9795, 0.3473, 0.3612

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.



72.6919, 0.3283, 0.3666



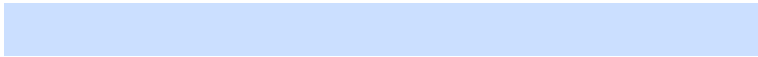
72.6919, 0.2799, 0.2946



72.6919, 0.3548, 0.3519

Square

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



72.6919, 0.2799, 0.2946



72.6919, 0.3381, 0.3167



72.6919, 0.3460, 0.3639



72.6919, 0.2874, 0.3413

Rectangle

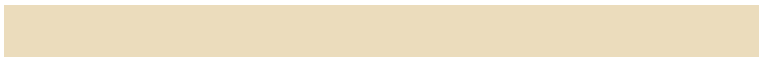
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6919, 0.2799, 0.2946



72.6919, 0.3102, 0.2985



72.6919, 0.3460, 0.3639



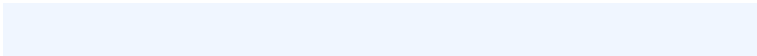
72.6919, 0.3141, 0.3622

Sweetspot

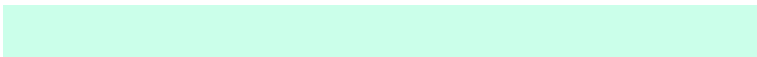
The Sweet Spot groups the original color and five complimentary colors.



72.6949, 0.2799, 0.2946



91.3535, 0.3035, 0.3197



90.1637, 0.2930, 0.3510



19.3586, 0.3024, 0.3187



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.



72.6949, 0.2799, 0.2946



68.4687, 0.2737, 0.2877



63.3705, 0.2819, 0.2729



18.5236, 0.2979, 0.3140



8.6157, 0.1671, 0.1214



1.0427, 0.1733, 0.1439

Inverse Universe

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



69.2988, 0.3383, 0.3088



64.7825, 0.3440, 0.3050



96.1130, 0.3401, 0.3806



18.1028, 0.3233, 0.3199



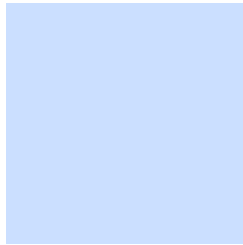
11.5977, 0.5446, 0.2774



1.1498, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 72.6919, 0.2799, 0.2946 looks on a white background.

Color Contrast Check

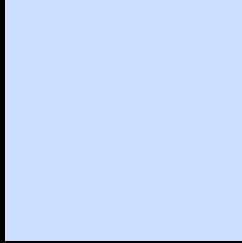
Large Text (above 18pt) WCAG AA × Fail

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 72.6919, 0.2799, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

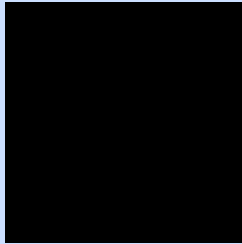
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

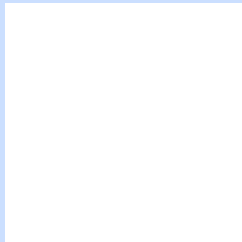
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6919, 0.2799, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 72.6919, 0.2799, 0.2946.



This preview shows how white text looks on a background with the Yxy color 72.6919, 0.2799, 0.2946.

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

72.6919, 0.2799, 0.2946

Protanopia

72.8772, 0.2892, 0.2942

Deuteranopia

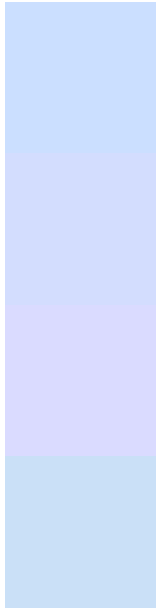
72.5005, 0.2945, 0.2886



Tritanopia

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

72.6919, 0.2799, 0.2946

Protanomaly

72.7175, 0.2854, 0.2939

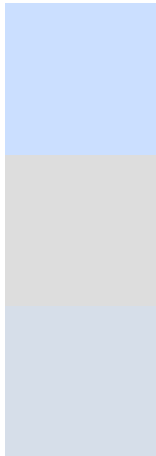
Deuteranomaly

72.7885, 0.2893, 0.2912

Tritanomaly

72.5833, 0.2839, 0.3039

Monochromacy



Original Color

72.6919, 0.2799, 0.2946

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4219, 0.3001, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6919, 0.2799, 0.2946 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(203, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 255)  
}
```

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(203, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.6919, 0.2799, 0.2946 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(203, 223, 255) }
```

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

```
.border{ border-color:rgb(203, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6919, 0.2799, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 255) }
```

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

```
.background{ background-color: rgb(203,  
223, 255) }
```

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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