

Converting Colors

$Yxy(80.9265, 0.2305, 0.2066)$

Have a look what the booklet for
Yxy(80.9265, 0.2305, 0.2066)
contains.

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Color

Yxy(72.4129, 0.2787, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	C9DFFF
RGB	201, 223, 255
RGB Percent	79%, 87%, 100%
CMY	0.2116, 0.1255, 0.0001
CMYK	0.21, 0.13, 0.00, 0.00
HSL	216°, 100%, 89%
HSV	216°, 21%, 100%
XYZ	68.5279, 72.4129, 104.9434
YIQ	220.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

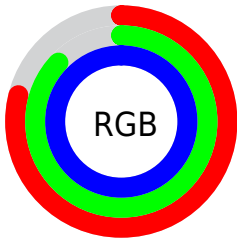
Format	Color
R _Y B	201, 217, 255
Decimal	13230079
CIE Lab	88.17, -0.65, -17.96
CIE LCh	88, 17.972, 267.928
Yxy	72.4129, 0.2787, 0.2945
Android (android.graphics.Color)	4291420159 (0xFFC9DFFF)
YUV	220.0700, 17.2205, -16.7244
Hunter-Lab	85.0958, -5.1709, -13.5517

Details

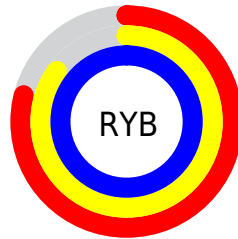
The Yxy color **72.4129, 0.2787, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7541, 0.3490, 0.3612**, and the grayscale version is **71.5164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1935, 0.2708, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **61.4506, 0.2615, 0.2753**, and if you desaturate by 10%, it is **84.6886, 0.2953, 0.3118**.

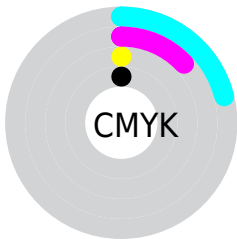
Distribution



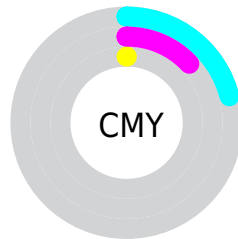
- Red (79%)
- Green (87%)
- Blue (100%)



- Red (79%)
- Yellow (85%)
- Blue (100%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4129, 0.2787, 0.2945 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 72.4129, 0.2787, 0.2945 by changing the saturation by 10% instead.

■ 72.4129, 0.2787,
0.2945

■ 72.4129, 0.2787,
0.2945

468.9775, 0.2943,
0.3104

■ 53.4960, 0.2752,
0.2909

122.6434, 0.2841,
0.3000

■ 38.1989, 0.2708,
0.2865

154.7258, 0.2862,
0.3021

■ 26.1371, 0.2654,
0.2809

191.9655, 0.2880,
0.3040

■ 16.9262, 0.2583,
0.2737

234.7469, 0.2896,
0.3056

■ 10.1819, 0.2488,
0.2640

283.4544, 0.2910,
0.3070

■ 5.5197, 0.2354,
0.2503

338.4724, 0.2922,

■ 2.5553, 0.2153,

0.3083

0.2295

400.1853, 0.2933,
0.3094

0.9043, 0.1821,
0.1952

0.0000, 0.0000,
0.0000

72.4129, 0.2787,
0.2945

72.4129, 0.2787,
0.2945

61.4506, 0.2615,
0.2753

84.6886, 0.2953,
0.3118

51.7451, 0.2442,
0.2545

98.3137, 0.3110,
0.3273

43.2485, 0.2271,
0.2322

99.9978, 0.3127,
0.3290

35.9059, 0.2109,
0.2091

■ 29.6573, 0.1963,
0.1858

■ 24.4358, 0.1839,
0.1631

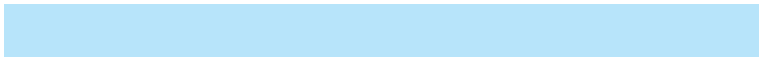
■ 20.1643, 0.1743,
0.1419

■ 17.0834, 0.1681,
0.1249

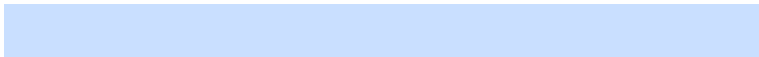
Harmonies

Analogous

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



72.4129, 0.2716, 0.3048



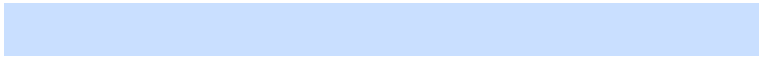
72.4129, 0.2787, 0.2945



72.4129, 0.2948, 0.2934

Triad

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



72.4129, 0.2787, 0.2945



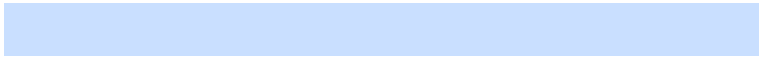
72.4129, 0.3519, 0.3336



72.4129, 0.3081, 0.3595

Complementary

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



72.4129, 0.2787, 0.2945



83.7541, 0.3490, 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.



72.4129, 0.3298, 0.3673



72.4129, 0.2787, 0.2945



72.4129, 0.3556, 0.3512

Square

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



72.4129, 0.2787, 0.2945



72.4129, 0.3373, 0.3155



72.4129, 0.3473, 0.3639



72.4129, 0.2882, 0.3427

Rectangle

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



72.4129, 0.2787, 0.2945



72.4129, 0.3088, 0.2976



72.4129, 0.3473, 0.3639



72.4129, 0.3154, 0.3633

Sweetspot

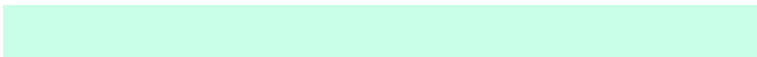
The Sweet Spot groups the original color and five complimentary colors.



72.4158, 0.2787, 0.2945



91.5620, 0.3035, 0.3201



89.7760, 0.2928, 0.3529



19.4079, 0.3024, 0.3190



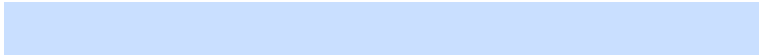
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



72.4158, 0.2787, 0.2945



68.0628, 0.2721, 0.2873



62.0648, 0.2800, 0.2704



18.5923, 0.2979, 0.3145



9.2043, 0.1689, 0.1280



1.1043, 0.1751, 0.1503

Inverse Universe

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



68.3731, 0.3385, 0.3068



63.6514, 0.3445, 0.3025



96.1288, 0.3417, 0.3825



18.1097, 0.3230, 0.3194



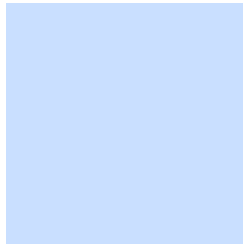
11.6571, 0.5355, 0.2723



1.1560, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 72.4129, 0.2787, 0.2945 looks on a white background.

Color Contrast Check

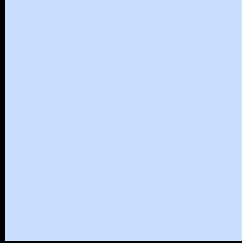
Large Text (above 18pt) WCAG AA × Fail

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 72.4129, 0.2787, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

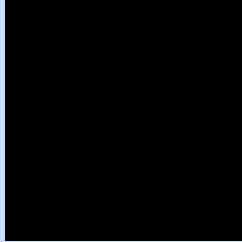
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

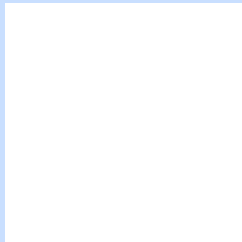
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4129, 0.2787, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 72.4129, 0.2787, 0.2945.



This preview shows how white text looks on a background with the Yxy color 72.4129, 0.2787, 0.2945.

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

72.4129, 0.2787, 0.2945

Protanopia

72.1384, 0.2891, 0.2940

Deuteranopia

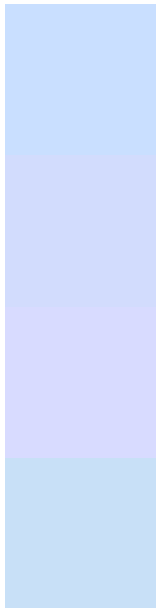
72.3393, 0.2938, 0.2886



Tritanopia

72.4636, 0.2844, 0.3092

Trichromacy



Original Color

72.4129, 0.2787, 0.2945

Protanomaly

71.9799, 0.2853, 0.2938

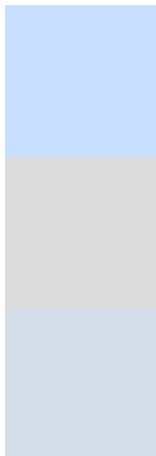
Deuteranomaly

72.4820, 0.2880, 0.2911

Tritanomaly

72.3061, 0.2826, 0.3038

Monochromacy



Original Color

72.4129, 0.2787, 0.2945

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7422, 0.2994, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4129, 0.2787, 0.2945 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(201, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.4129, 0.2787, 0.2945 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(201, 223, 255) }
```

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

```
.border{ border-color:rgb(201, 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(201, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4129, 0.2787, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 255) }
```

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

```
.background{ background-color: rgb(201,  
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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