

Converting Colors

Yxy(70.5483, 0.2783, 0.2961)

Have a look what the booklet for
Yxy(70.5483, 0.2783, 0.2961)
contains.

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Color

Yxy(70.5483, 0.2783, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	C5DDFB
RGB	197, 221, 251
RGB Percent	77%, 87%, 98%
CMY	0.2272, 0.1334, 0.0156
CMYK	0.21, 0.12, 0.00, 0.02
HSL	213°, 87%, 88%
HSV	213°, 21%, 98%
XYZ	66.3073, 70.5483, 101.4028
YIQ	217.2440, -23.9340, 4.2420

Conversions

Conversions Part 2

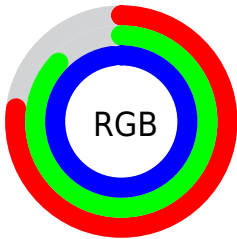
Format	Color
RYB	197, 214, 251
Decimal	12967419
CIELab	87.27, -1.66, -17.27
CIELCh	87, 17.347, 264.514
Yxy	70.5483, 0.2783, 0.2961
Android (android.graphics.Color)	4291157499 (0xFFC5DDFB)
YUV	217.2440, 16.6417, -17.7540
Hunter-Lab	83.9930, -6.0731, -12.7843

Details

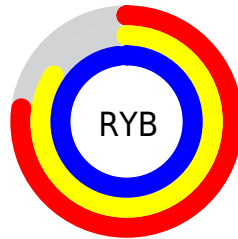
The Yxy color **70.5483, 0.2783, 0.2961** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5304, 0.3500, 0.3598**, and the grayscale version is **69.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **36.9183, 0.2702, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **60.3673, 0.2614, 0.2781**, and if you desaturate by 10%, it is **81.9130, 0.2947, 0.3124**.

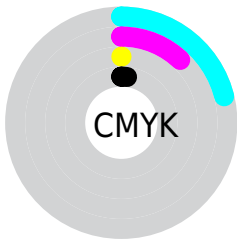
Distribution



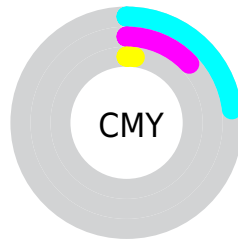
- Red (77%)
- Green (87%)
- Blue (98%)



- Red (77%)
- Yellow (84%)
- Blue (98%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5483, 0.2783, 0.2961 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 70.5483, 0.2783, 0.2961 by changing the saturation by 10% instead.

■ 70.5483, 0.2783,
0.2961

■ 70.5483, 0.2783,
0.2961

462.4728, 0.2942,
0.3113

■ 51.9737, 0.2747,
0.2926

119.9903, 0.2838,
0.3014

■ 36.9841, 0.2703,
0.2883

151.6265, 0.2859,
0.3034

■ 25.1952, 0.2647,
0.2829

188.3853, 0.2878,
0.3052

■ 16.2225, 0.2574,
0.2758

230.6512, 0.2894,
0.3068

■ 9.6818, 0.2476,
0.2663

278.8085, 0.2908,
0.3081

■ 5.1885, 0.2337,
0.2526

333.2416, 0.2920,

■ 2.3583, 0.2127,

0.3093

0.2317

394.3349, 0.2932,
0.3104

0.8043, 0.1766,
0.1962

0.0000, 0.0000,
0.0000

70.5483, 0.2783,
0.2961

70.5483, 0.2783,
0.2961

60.3673, 0.2614,
0.2781

81.9130, 0.2947,
0.3124

51.3186, 0.2444,
0.2586

94.4931, 0.3104,
0.3270

43.3594, 0.2278,
0.2378

99.7462, 0.3150,
0.3328

36.4402, 0.2122,
0.2161

■ 30.5071, 0.1981,
0.1941

■ 25.4996, 0.1863,
0.1725

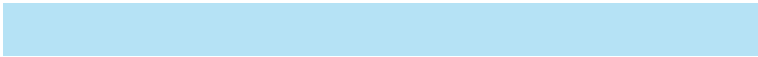
■ 21.3475, 0.1771,
0.1522

■ 18.4080, 0.1712,
0.1362

Harmonies

Analogous

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



70.5483, 0.2725, 0.3071



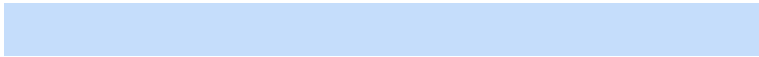
70.5483, 0.2783, 0.2961



70.5483, 0.2931, 0.2939

Triad

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



70.5483, 0.2783, 0.2961



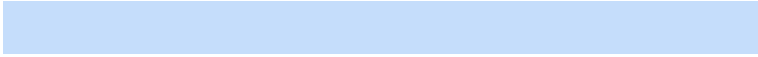
70.5483, 0.3497, 0.3314



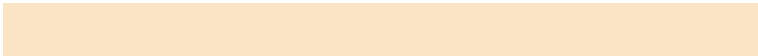
70.5483, 0.3107, 0.3601

Complementary

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



70.5483, 0.2783, 0.2961



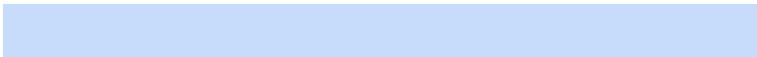
79.5304, 0.3500, 0.3598

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.



70.5483, 0.3316, 0.3664



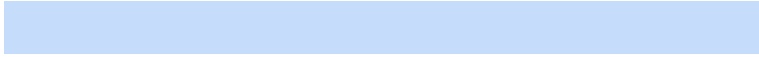
70.5483, 0.2783, 0.2961



70.5483, 0.3546, 0.3489

Square

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



70.5483, 0.2783, 0.2961



70.5483, 0.3345, 0.3140



70.5483, 0.3479, 0.3619



70.5483, 0.2908, 0.3445

Rectangle

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



70.5483, 0.2783, 0.2961



70.5483, 0.3065, 0.2974



70.5483, 0.3479, 0.3619



70.5483, 0.3178, 0.3634

Sweetspot

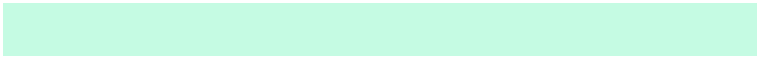
The Sweet Spot groups the original color and five complimentary colors.



70.5512, 0.2783, 0.2961



91.9004, 0.3035, 0.3206



86.4147, 0.2935, 0.3553



19.4878, 0.3024, 0.3197



0.0000, 0.0000, 0.0000



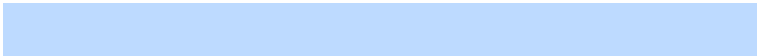
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5512, 0.2783, 0.2961



68.1983, 0.2707, 0.2882



59.1692, 0.2782, 0.2692



17.9102, 0.2979, 0.3154



9.9543, 0.1720, 0.1392



1.1296, 0.1784, 0.1621

Inverse Universe

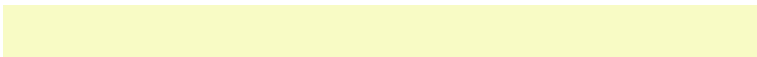
The Inverse Universe completely reimagines the original color for something new.



65.6901, 0.3375, 0.3045



62.5938, 0.3442, 0.2990



93.0542, 0.3434, 0.3831



17.3532, 0.3224, 0.3185



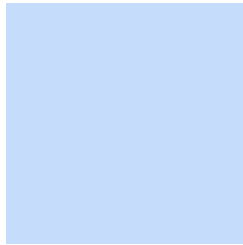
11.4158, 0.5201, 0.2639



1.0783, 0.4905, 0.2475

Previews

White Background



This preview shows how the Yxy color 70.5483, 0.2783, 0.2961 looks on a white background.

Color Contrast Check

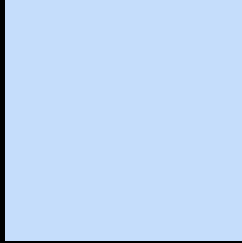
Large Text (above 18pt) WCAG AA × Fail

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 70.5483, 0.2783, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

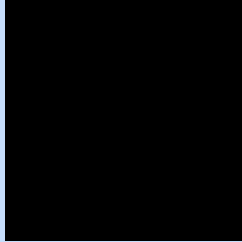
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

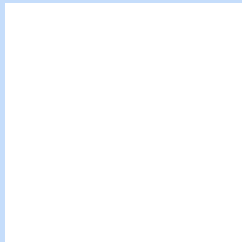
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5483, 0.2783, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 70.5483, 0.2783, 0.2961.



This preview shows how white text looks on a background with the Yxy color 70.5483, 0.2783, 0.2961.

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

70.5483, 0.2783, 0.2961

Protanopia

70.5492, 0.2901, 0.2958

Deuteranopia

70.3683, 0.2936, 0.2872



Tritanopia

70.6687, 0.2835, 0.3100

Trichromacy



Original Color

70.5483, 0.2783, 0.2961

Protanomaly

70.2478, 0.2856, 0.2955

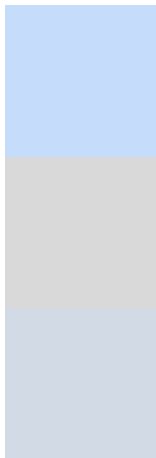
Deuteranomaly

70.4362, 0.2883, 0.2907

Tritanomaly

70.5100, 0.2817, 0.3046

Monochromacy



Original Color

70.5483, 0.2783, 0.2961

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5016, 0.2999, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5483, 0.2783, 0.2961 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(197, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(197, 221, 251)  
}
```

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(197, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 221, 251) }
```

Border

The CSS property to change the border of an element to Yxy 70.5483, 0.2783, 0.2961 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(197, 221, 251) }
```

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

```
.border{ border-color:rgb(197, 221, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(197, 221,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5483, 0.2783, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 221, 251) }
```

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

```
.background{ background-color: rgb(197,  
221, 251) }
```

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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