

Converting Colors

Yxy(66.3583, 0.2818, 0.2951)

Have a look what the booklet for
Yxy(66.3583, 0.2818, 0.2951)
contains.

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Color

Yxy(66.4951, 0.2818, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	C5D6F4
RGB	197, 214, 244
RGB Percent	77%, 84%, 96%
CMY	0.2276, 0.1607, 0.0432
CMYK	0.19, 0.12, 0.00, 0.04
HSL	218°, 68%, 86%
HSV	218°, 19%, 96%
XYZ	63.3908, 66.4951, 95.0637
YIQ	212.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

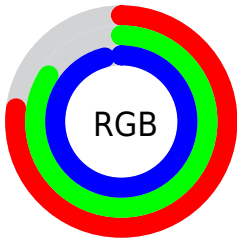
Format	Color
R _Y B	197, 209, 244
Decimal	12965620
CIE Lab	85.25, 0.44, -16.59
CIE LCh	85, 16.593, 271.502
Yxy	66.4951, 0.2818, 0.2956
Android (android.graphics.Color)	4291155700 (0xFFC5D6F4)
YUV	212.3370, 15.6099, -13.4505
Hunter-Lab	81.5445, -3.9412, -12.0384

Details

The Yxy color **66.4951, 0.2818, 0.2956** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.1538, 0.3449, 0.3603**, and the grayscale version is **65.9751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.2668, 0.2744, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **55.9690, 0.2645, 0.2753**, and if you desaturate by 10%, it is **78.3107, 0.2983, 0.3139**.

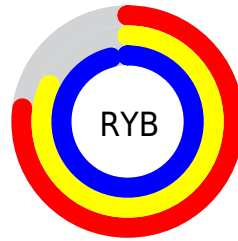
Distribution



Red (77%)

Green (84%)

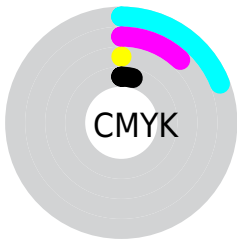
Blue (96%)



Red (77%)

Yellow (82%)

Blue (96%)

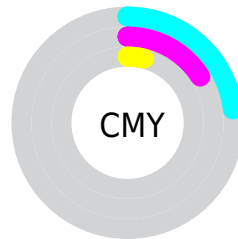


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4951, 0.2818, 0.2956 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 66.4951, 0.2818, 0.2956 by changing the saturation by 10% instead.

■ 66.4951, 0.2818,
0.2956

■ 66.4951, 0.2818,
0.2956

448.1454, 0.2962,
0.3112

■ 48.6744, 0.2785,
0.2920

114.1966, 0.2868,
0.3010

■ 34.3613, 0.2744,
0.2876

144.8463, 0.2888,
0.3031

■ 23.1713, 0.2691,
0.2820

180.5411, 0.2905,
0.3049

■ 14.7200, 0.2623,
0.2746

221.6653, 0.2919,
0.3065

■ 8.6231, 0.2529,
0.2645

268.6035, 0.2932,
0.3079

■ 4.4962, 0.2394,
0.2500

321.7400, 0.2943,

■ 1.9548, 0.2183,

0.3091

0.2275

381.4592, 0.2953,
0.3102

0.5810, 0.1761,
0.1818

0.0000, 0.0000,
0.0000

66.4951, 0.2818,
0.2956

66.4951, 0.2818,
0.2956

55.9690, 0.2645,
0.2753

78.3107, 0.2983,
0.3139

46.6778, 0.2467,
0.2532

91.4516, 0.3138,
0.3301

38.5744, 0.2290,
0.2295

99.3104, 0.3191,
0.3396

31.6058, 0.2121,
0.2049

■ 25.7138, 0.1965,
0.1800

■ 20.8344, 0.1832,
0.1559

■ 16.8946, 0.1727,
0.1337

■ 13.7945, 0.1651,
0.1141

■ 13.5942, 0.1647,
0.1127

Harmonies

Analogous

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



66.4951, 0.2739, 0.3044



66.4951, 0.2818, 0.2956



66.4951, 0.2980, 0.2955

Triad

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



66.4951, 0.2818, 0.2956



66.4951, 0.3509, 0.3355



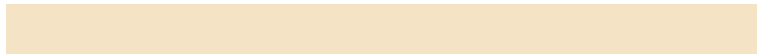
66.4951, 0.3059, 0.3564

Complementary

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



66.4951, 0.2818, 0.2956



78.1538, 0.3449, 0.3603

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.



66.4951, 0.3266, 0.3650



66.4951, 0.2818, 0.2956



66.4951, 0.3531, 0.3520

Square

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



66.4951, 0.2818, 0.2956



66.4951, 0.3381, 0.3181



66.4951, 0.3440, 0.3630



66.4951, 0.2875, 0.3398

Rectangle

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



66.4951, 0.2818, 0.2956



66.4951, 0.3115, 0.3002



66.4951, 0.3440, 0.3630



66.4951, 0.3128, 0.3604

Sweetspot

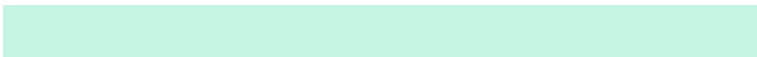
The Sweet Spot groups the original color and five complimentary colors.



66.4978, 0.2818, 0.2956



91.1494, 0.3035, 0.3194



82.0852, 0.2932, 0.3479



19.3105, 0.3024, 0.3183



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.



66.4978, 0.2818, 0.2956



68.9526, 0.2753, 0.2882



59.1739, 0.2850, 0.2766



16.9109, 0.2980, 0.3135



7.6295, 0.1655, 0.1156



0.8587, 0.1724, 0.1405

Inverse Universe

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



64.0000, 0.3373, 0.3111



65.9404, 0.3434, 0.3074



86.8449, 0.3375, 0.3778



16.5819, 0.3236, 0.3204



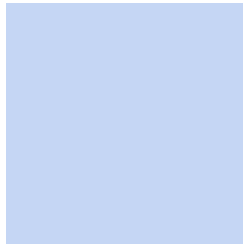
10.8696, 0.5529, 0.2819



0.9743, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 66.4951, 0.2818, 0.2956 looks on a white background.

Color Contrast Check

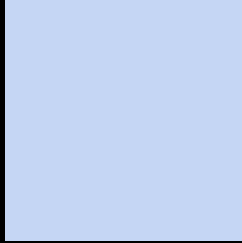
Large Text (above 18pt) WCAG AA × Fail

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 66.4951, 0.2818, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

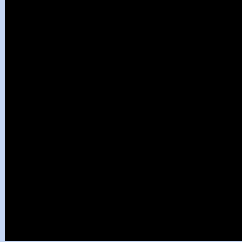
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

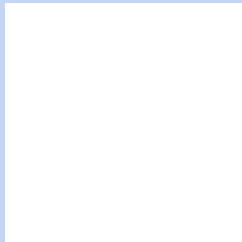
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4951, 0.2818, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 66.4951, 0.2818, 0.2956.



This preview shows how white text looks on a background with the Yxy color 66.4951, 0.2818, 0.2956.

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

66.4951, 0.2818, 0.2956

Protanopia

66.4092, 0.2902, 0.2950

Deuteranopia

66.1236, 0.2951, 0.2882



Tritanopia

66.5970, 0.2872, 0.3097

Trichromacy



Original Color

66.4951, 0.2818, 0.2956

Protanomaly

66.3954, 0.2869, 0.2948

Deuteranomaly

66.3874, 0.2897, 0.2909

Tritanomaly

66.4511, 0.2854, 0.3042

Monochromacy



Original Color

66.4951, 0.2818, 0.2956

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2357, 0.3011, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4951, 0.2818, 0.2956 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, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 244)  
}
```

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, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 244) }
```

Border

The CSS property to change the border of an element to Yxy 66.4951, 0.2818, 0.2956 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, 214, 244) }
```

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

```
.border{ border-color:rgb(197, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4951, 0.2818, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 244) }
```

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

```
.background{ background-color: rgb(197,  
214, 244) }
```

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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