

Converting Colors

$Yxy(66.2192, 0.2855, 0.2866)$

Have a look what the booklet for
Yxy(66.2192, 0.2855, 0.2866)
contains.

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Color

Yxy(66.1981, 0.2852, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	CFD2F9
RGB	207, 210, 249
RGB Percent	81%, 82%, 98%
CMY	0.1882, 0.1764, 0.0236
CMYK	0.17, 0.16, 0.00, 0.02
HSL	236°, 78%, 89%
HSV	236°, 17%, 98%
XYZ	65.8747, 66.1981, 98.9045
YIQ	213.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

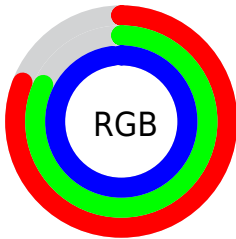
Format	Color
R _Y B	207, 210, 249
Decimal	13619961
CIE Lab	85.10, 6.72, -19.39
CIE LCh	85, 20.519, 289.113
Yxy	66.1981, 0.2852, 0.2866
Android (android.graphics.Color)	4291810041 (0xFFCFD2F9)
YUV	213.5490, 17.4773, -5.7435
Hunter-Lab	81.3622, 2.1382, -15.1198

Details

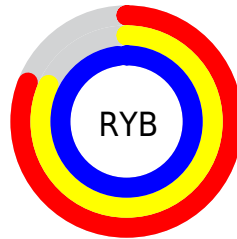
The Yxy color **66.1981, 0.2852, 0.2866** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.5341, 0.3386, 0.3681**, and the grayscale version is **66.8155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3026, 0.2779, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **52.2903, 0.2664, 0.2572**, and if you desaturate by 10%, it is **82.3255, 0.3022, 0.3129**.

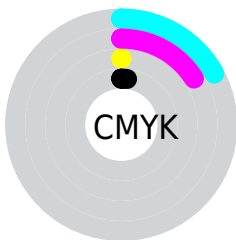
Distribution



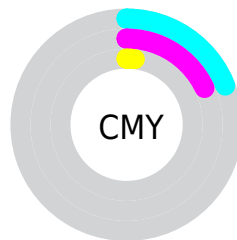
- Red (81%)
- Green (82%)
- Blue (98%)



- Red (81%)
- Yellow (82%)
- Blue (98%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1981, 0.2852, 0.2866 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 66.1981, 0.2852, 0.2866 by changing the saturation by 10% instead.

■ 66.1981, 0.2852,
0.2866

■ 66.1981, 0.2852,
0.2866

447.0850, 0.2982,
0.3061

■ 48.4332, 0.2822,
0.2822

113.7706, 0.2897,
0.2934

■ 34.1701, 0.2785,
0.2767

144.3470, 0.2915,
0.2960

■ 23.0243, 0.2737,
0.2698

179.9628, 0.2930,
0.2983

■ 14.6115, 0.2675,
0.2609

221.0022, 0.2943,
0.3002

■ 8.5472, 0.2589,
0.2489

267.8498, 0.2954,
0.3020

■ 4.4470, 0.2465,
0.2319

320.8899, 0.2964,

■ 1.9266, 0.2270,

0.3035

0.2062

380.5068, 0.2973,
0.3049

0.5643, 0.1932,
0.1557

0.0000, 0.0000,
0.0000

66.1981, 0.2852,
0.2866

66.1981, 0.2852,
0.2866

52.2903, 0.2664,
0.2572

82.3255, 0.3022,
0.3129

40.4972, 0.2462,
0.2252

99.6178, 0.3162,
0.3348

30.7174, 0.2252,
0.1914

22.8383, 0.2045,
0.1576

■ 16.7359, 0.1855,
0.1259

■ 12.2716, 0.1698,
0.0988

■ 9.2861, 0.1585,
0.0784

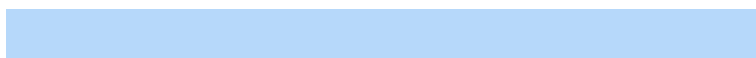
■ 7.5867, 0.1522,
0.0658

■ 7.2641, 0.1509,
0.0634

Harmonies

Analogous

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



66.1981, 0.2692, 0.2909



66.1981, 0.2852, 0.2866



66.1981, 0.3090, 0.2927

Triad

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



66.1981, 0.2852, 0.2866



66.1981, 0.3635, 0.3491



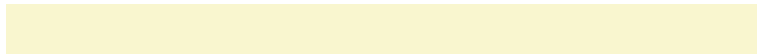
66.1981, 0.2901, 0.3518

Complementary

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



66.1981, 0.2852, 0.2866



90.5341, 0.3386, 0.3681

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.



66.1981, 0.3148, 0.3692



66.1981, 0.2852, 0.2866



66.1981, 0.3576, 0.3664

Square

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



66.1981, 0.2852, 0.2866



66.1981, 0.3550, 0.3278



66.1981, 0.3396, 0.3743



66.1981, 0.2720, 0.3280

Rectangle

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



66.1981, 0.2852, 0.2866



66.1981, 0.3264, 0.3018



66.1981, 0.3396, 0.3743



66.1981, 0.2979, 0.3587

Sweetspot

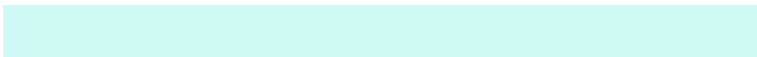
The Sweet Spot groups the original color and five complimentary colors.



66.2008, 0.2852, 0.2866



90.3396, 0.3051, 0.3174



87.6223, 0.2891, 0.3326



19.0564, 0.3040, 0.3157



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.



66.2008, 0.2852, 0.2866



64.9972, 0.2794, 0.2776



67.3925, 0.2971, 0.2848



16.8422, 0.2979, 0.3062



3.9617, 0.1512, 0.0644



0.4341, 0.1541, 0.0747

Inverse Universe

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



69.4168, 0.3428, 0.3260



68.9824, 0.3499, 0.3254



89.3096, 0.3264, 0.3726



17.2453, 0.3283, 0.3273



10.8108, 0.6326, 0.3259



1.0080, 0.6155, 0.3164

Previews

White Background



This preview shows how the Yxy color 66.1981, 0.2852, 0.2866 looks on a white background.

Color Contrast Check

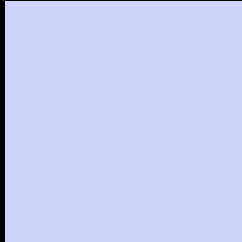
Large Text (above 18pt) WCAG AA × Fail

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 66.1981, 0.2852, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

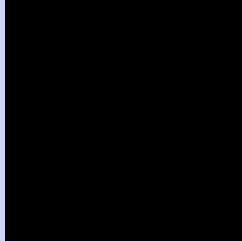
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1981, 0.2852, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 66.1981, 0.2852, 0.2866.

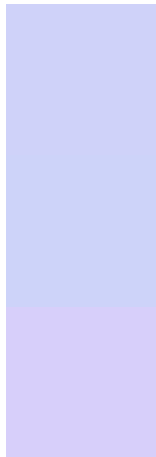


This preview shows how white text looks on a background with the Yxy color 66.1981, 0.2852, 0.2866.

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

66.1981, 0.2852, 0.2866

Protanopia

66.4072, 0.2839, 0.2875

Deuteranopia

65.9748, 0.2899, 0.2829



Tritanopia

66.1390, 0.2951, 0.3099

Trichromacy



Original Color

66.1981, 0.2852, 0.2866

Protanomaly

66.5499, 0.2846, 0.2876

Deuteranomaly

66.0109, 0.2879, 0.2838

Tritanomaly

66.1805, 0.2913, 0.3012

Monochromacy



Original Color

66.1981, 0.2852, 0.2866

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9834, 0.3019, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1981, 0.2852, 0.2866 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(207, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 249)  
}
```

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(207, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 249) }
```

Border

The CSS property to change the border of an element to Yxy 66.1981, 0.2852, 0.2866 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(207, 210, 249) }
```

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

```
.border{ border-color:rgb(207, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1981, 0.2852, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 249) }
```

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

```
.background{ background-color: rgb(207,  
210, 249) }
```

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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