

Converting Colors

$Yxy(66.6469, 0.2949, 0.3074)$

Have a look what the booklet for
Yxy(66.6469, 0.2949, 0.3074)
contains.

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Color

Yxy(66.5935, 0.2946, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	CED5E9
RGB	206, 213, 233
RGB Percent	81%, 84%, 91%
CMY	0.1919, 0.1647, 0.0863
CMYK	0.12, 0.09, 0.00, 0.09
HSL	225°, 38%, 86%
HSV	225°, 12%, 91%
XYZ	63.9662, 66.5935, 86.5694
YIQ	213.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

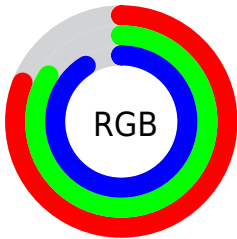
Format	Color
R _Y B	206, 212, 233
Decimal	13555177
CIE Lab	85.30, 1.54, -10.63
CIE LCh	85, 10.740, 278.232
Yxy	66.5935, 0.2946, 0.3067
Android (android.graphics.Color)	4291745257 (0xFFCED5E9)
YUV	213.1870, 9.7678, -6.3030
Hunter-Lab	81.6048, -2.8906, -5.7736

Details

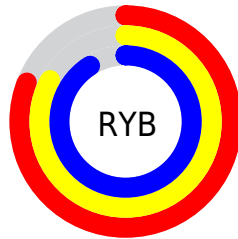
The Yxy color **66.5935, 0.2946, 0.3067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2081, 0.3308, 0.3504**, and the grayscale version is **66.6164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3034, 0.2907, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **55.2596, 0.2775, 0.2848**, and if you desaturate by 10%, it is **79.3559, 0.3104, 0.3262**.

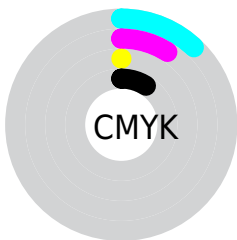
Distribution



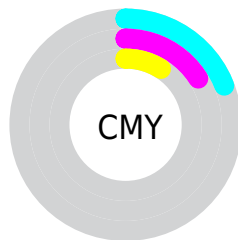
- Red (81%)
- Green (84%)
- Blue (91%)



- Red (81%)
- Yellow (83%)
- Blue (91%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5935, 0.2946, 0.3067 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 66.5935, 0.2946, 0.3067 by changing the saturation by 10% instead.

■ 66.5935, 0.2946,
0.3067

■ 66.5935, 0.2946,
0.3067

448.4965, 0.3031,
0.3171

■ 48.7543, 0.2926,
0.3043

114.3377, 0.2976,
0.3103

■ 34.4247, 0.2902,
0.3013

145.0116, 0.2987,
0.3117

■ 23.2200, 0.2870,
0.2975

180.7325, 0.2997,
0.3130

■ 14.7561, 0.2829,
0.2925

221.8849, 0.3006,
0.3140

■ 8.6484, 0.2772,
0.2856

268.8531, 0.3013,
0.3149

■ 4.5125, 0.2688,
0.2756

322.0214, 0.3020,

■ 1.9642, 0.2554,

0.3157

0.2597

381.7744, 0.3026,
0.3165

■ 0.5865, 0.2266,
0.2233

■ 0.0000, 0.0000,
0.0000

■ 66.5935, 0.2946,
0.3067

■ 66.5935, 0.2946,
0.3067

■ 55.2596, 0.2775,
0.2848

■ 79.3559, 0.3104,
0.3262

■ 45.2952, 0.2594,
0.2606

■ 93.5865, 0.3248,
0.3433

■ 36.6494, 0.2406,
0.2342

■ 98.6630, 0.3256,
0.3503

■ 29.2647, 0.2217,
0.2064

■ 23.0792, 0.2037,
0.1780

■ 18.0254, 0.1874,
0.1504

■ 14.0284, 0.1738,
0.1249

■ 11.0026, 0.1637,
0.1031

■ 9.1121, 0.1578,
0.0881

Harmonies

Analogous

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



66.5935, 0.2880, 0.3114



66.5935, 0.2946, 0.3067



66.5935, 0.3061, 0.3078

Triad

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



66.5935, 0.2946, 0.3067



66.5935, 0.3383, 0.3360



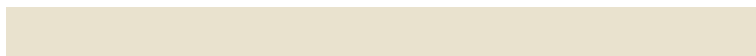
66.5935, 0.3055, 0.3445

Complementary

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



66.5935, 0.2946, 0.3067



76.2081, 0.3308, 0.3504

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.



66.5935, 0.3189, 0.3513



66.5935, 0.2946, 0.3067



66.5935, 0.3380, 0.3461

Square

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



66.5935, 0.2946, 0.3067



66.5935, 0.3315, 0.3245



66.5935, 0.3309, 0.3518



66.5935, 0.2942, 0.3333

Rectangle

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



66.5935, 0.2946, 0.3067



66.5935, 0.3151, 0.3116



66.5935, 0.3309, 0.3518



66.5935, 0.3099, 0.3474

Sweetspot

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



66.5963, 0.2946, 0.3067



95.0067, 0.3082, 0.3235



76.8861, 0.2993, 0.3368



20.0556, 0.3069, 0.3220



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.



66.5963, 0.2946, 0.3067



78.0831, 0.2904, 0.3014



64.1002, 0.2989, 0.2992



15.1792, 0.2980, 0.3110



5.3397, 0.1585, 0.0906



0.5704, 0.1658, 0.1168

Inverse Universe

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



66.2959, 0.3284, 0.3216



77.7084, 0.3323, 0.3199



79.0184, 0.3255, 0.3579



15.1177, 0.3252, 0.3230



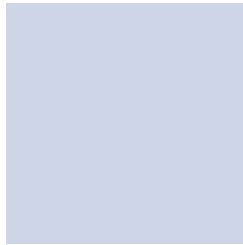
10.0319, 0.5903, 0.3026



0.8030, 0.5511, 0.2810

Previews

White Background



This preview shows how the Yxy color 66.5935, 0.2946, 0.3067 looks on a white background.

Color Contrast Check

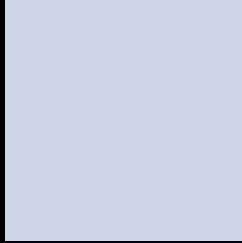
Large Text (above 18pt) WCAG AA × Fail

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 66.5935, 0.2946, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

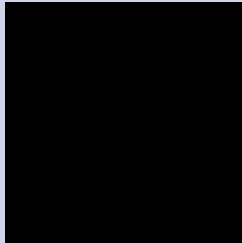
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5935, 0.2946, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 66.5935, 0.2946, 0.3067.

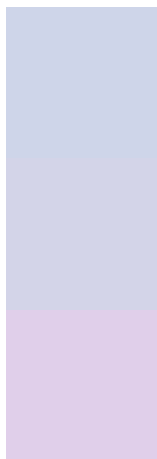


This preview shows how white text looks on a background with the Yxy color 66.5935, 0.2946, 0.3067.

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

66.5935, 0.2946, 0.3067

Protanopia

66.7620, 0.2987, 0.3069

Deuteranopia

66.4135, 0.3067, 0.3000



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.5935, 0.2946, 0.3067

Protanomaly

66.4685, 0.2973, 0.3068

Deuteranomaly

66.2932, 0.3016, 0.3017

Tritanomaly

66.4798, 0.2958, 0.3089

Monochromacy



Original Color

66.5935, 0.2946, 0.3067

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4574, 0.3058, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5935, 0.2946, 0.3067 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(206, 213, 233)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 233)  
}
```

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(206, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 233) }
```

Border

The CSS property to change the border of an element to Yxy 66.5935, 0.2946, 0.3067 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(206, 213, 233) }
```

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

```
.border{ border-color:rgb(206, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5935, 0.2946, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 233) }
```

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

```
.background{ background-color: rgb(206,  
213, 233) }
```

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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