

Converting Colors

Yxy(65.9815, 0.2985, 0.3061)

Have a look what the booklet for
Yxy(65.9815, 0.2985, 0.3061)
contains.

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Color

Yxy(66.0597, 0.2986, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	D2D3E7
RGB	210, 211, 231
RGB Percent	82%, 83%, 91%
CMY	0.1765, 0.1725, 0.0941
CMYK	0.09, 0.09, 0.00, 0.09
HSL	237°, 30%, 86%
HSV	237°, 9%, 91%
XYZ	64.2941, 66.0597, 84.9647
YIQ	212.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

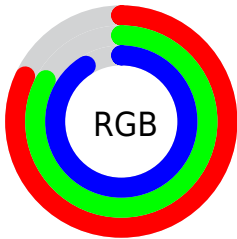
Format	Color
R _{YB}	210, 211, 231
Decimal	13816807
CIE Lab	85.03, 3.45, -9.94
CIE LCh	85, 10.528, 289.157
Yxy	66.0597, 0.2986, 0.3068
Android (android.graphics.Color)	4292006887 (0xFFD2D3E7)
YUV	212.9810, 8.8834, -2.6143
Hunter-Lab	81.2771, -1.0329, -5.0860

Details

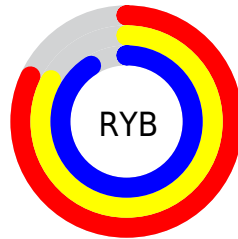
The Yxy color $66.0597, 0.2986, 0.3068$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.2273, 0.3263, 0.3503$, and the grayscale version is $66.4699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.1776, 0.2951, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $52.7275, 0.2812, 0.2793$, and if you desaturate by 10%, it is $81.3802, 0.3140, 0.3311$.

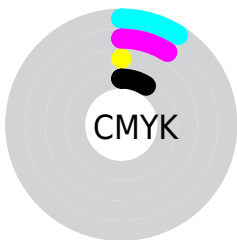
Distribution



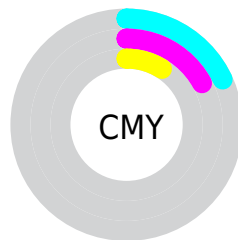
- Red (82%)
- Green (83%)
- Blue (91%)



- Red (82%)
- Yellow (83%)
- Blue (91%)



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



- Cyan (18%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0597, 0.2986, 0.3068 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 66.0597, 0.2986, 0.3068 by changing the saturation by 10% instead.

■ 66.0597, 0.2986,
0.3068

■ 66.0597, 0.2986,
0.3068

446.5904, 0.3053,
0.3172

■ 48.3209, 0.2970,
0.3044

113.5720, 0.3009,
0.3104

■ 34.0811, 0.2951,
0.3015

144.1143, 0.3018,
0.3118

■ 22.9559, 0.2926,
0.2977

179.6932, 0.3026,
0.3130

■ 14.5609, 0.2893,
0.2927

220.6930, 0.3033,
0.3141

■ 8.5118, 0.2848,
0.2859

267.4983, 0.3039,
0.3150

■ 4.4242, 0.2780,
0.2760

320.4933, 0.3044,

■ 1.9135, 0.2671,

0.3158

0.2603

380.0626, 0.3049,
0.3165

0.5565, 0.2442,
0.2216

0.0000, 0.0000,
0.0000

66.0597, 0.2986,
0.3068

66.0597, 0.2986,
0.3068

52.7275, 0.2812,
0.2793

81.3802, 0.3140,
0.3311

41.2942, 0.2620,
0.2486

98.5306, 0.3268,
0.3522

31.6760, 0.2414,
0.2155

98.5497, 0.3268,
0.3522

23.7794, 0.2202,
0.1810

■ 17.5027, 0.1996,
0.1471

■ 12.7337, 0.1812,
0.1162

■ 9.3454, 0.1663,
0.0908

■ 7.1903, 0.1562,
0.0728

■ 6.0756, 0.1510,
0.0628

Harmonies

Analogous

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



66.0597, 0.2901, 0.3094



66.0597, 0.2986, 0.3068



66.0597, 0.3110, 0.3099

Triad

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



66.0597, 0.2986, 0.3068



66.0597, 0.3386, 0.3399



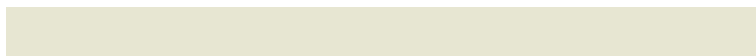
66.0597, 0.3012, 0.3405

Complementary

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



66.0597, 0.2986, 0.3068



78.2273, 0.3263, 0.3503

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.



66.0597, 0.3140, 0.3492



66.0597, 0.2986, 0.3068



66.0597, 0.3357, 0.3485

Square

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



66.0597, 0.2986, 0.3068



66.0597, 0.3343, 0.3287



66.0597, 0.3267, 0.3520



66.0597, 0.2916, 0.3288

Rectangle

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



66.0597, 0.2986, 0.3068



66.0597, 0.3199, 0.3148



66.0597, 0.3267, 0.3520



66.0597, 0.3052, 0.3439

Sweetspot

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



66.0625, 0.2986, 0.3068



94.0210, 0.3082, 0.3219



76.5642, 0.2993, 0.3301



19.7907, 0.3070, 0.3200



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.



66.0625, 0.2986, 0.3068



79.1998, 0.2953, 0.3017



66.9873, 0.3054, 0.3061



13.9986, 0.2980, 0.3059



3.4222, 0.1509, 0.0631



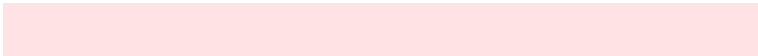
0.2927, 0.1533, 0.0719

Inverse Universe

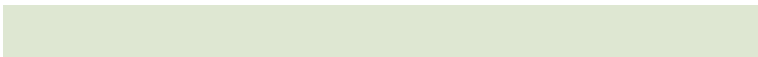
The Inverse Universe completely reimagines the original color for something new.



67.7812, 0.3278, 0.3279



81.7894, 0.3315, 0.3277



77.2644, 0.3196, 0.3518



14.3793, 0.3285, 0.3279



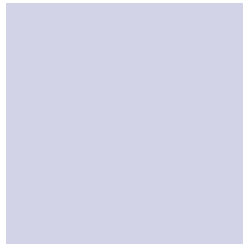
9.5432, 0.6348, 0.3270



0.7092, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 66.0597, 0.2986, 0.3068 looks on a white background.

Color Contrast Check

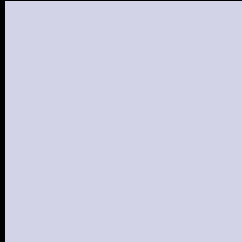
Large Text (above 18pt) WCAG AA × Fail

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 66.0597, 0.2986, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

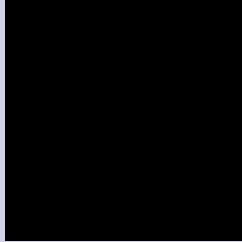
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

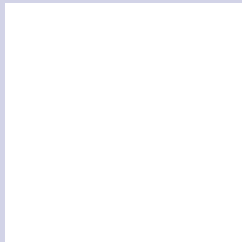
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0597, 0.2986, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 66.0597, 0.2986, 0.3068.

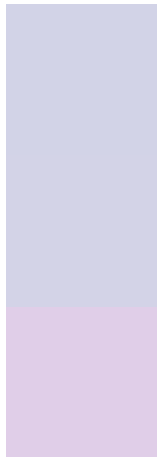


This preview shows how white text looks on a background with the Yxy color 66.0597, 0.2986, 0.3068.

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

66.0597, 0.2986, 0.3068

Protanopia

66.2069, 0.2993, 0.3068

Deuteranopia

65.8161, 0.3081, 0.3010



Tritanopia

65.8916, 0.3006, 0.3101

Trichromacy



Original Color

66.0597, 0.2986, 0.3068

Protanomaly

66.2069, 0.2993, 0.3068

Deuteranomaly

65.9980, 0.3044, 0.3029

Tritanomaly

65.9473, 0.2999, 0.3090

Monochromacy



Original Color

66.0597, 0.2986, 0.3068

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2513, 0.3073, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0597, 0.2986, 0.3068 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(210, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 231)  
}
```

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(210, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 231) }
```

Border

The CSS property to change the border of an element to Yxy 66.0597, 0.2986, 0.3068 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(210, 211, 231) }
```

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

```
.border{ border-color:rgb(210, 211, 231) }
```

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

Here you see how a box with a 4 pixel rgb(210, 211, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0597, 0.2986, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 231) }
```

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

```
.background{ background-color: rgb(210,  
211, 231) }
```

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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