

Converting Colors

Yxy(67.4908, 0.2863, 0.3042)

Have a look what the booklet for
Yxy(67.4908, 0.2863, 0.3042)
contains.

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Color

Yxy(67.4269, 0.2868, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	C7D8EE
RGB	199, 216, 238
RGB Percent	78%, 85%, 93%
CMY	0.2199, 0.1529, 0.0667
CMYK	0.16, 0.09, 0.00, 0.07
HSL	214°, 53%, 86%
HSV	214°, 16%, 93%
XYZ	63.5284, 67.4269, 90.5523
YIQ	213.4250, -17.1940, 3.2380

Conversions

Conversions Part 2

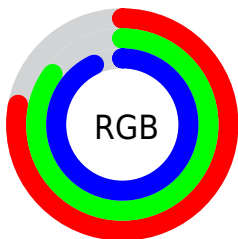
Format	Color
R_{YB}	199, 211, 238
Decimal	13097198
CIE _{Lab}	85.72, -1.28, -12.70
CIE _{LCh}	86, 12.767, 264.254
Yxy	67.4269, 0.2868, 0.3044
Android (android.graphics.Color)	4291287278 (0xFFC7D8EE)
YUV	213.4250, 12.1155, -12.6507
Hunter-Lab	82.1139, -5.6007, -7.9032

Details

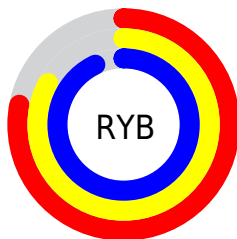
The Yxy color **67.4269, 0.2868, 0.3044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9638, 0.3402, 0.3524**, and the grayscale version is **66.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8869, 0.2809, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **57.8415, 0.2701, 0.2871**, and if you desaturate by 10%, it is **78.0860, 0.3029, 0.3199**.

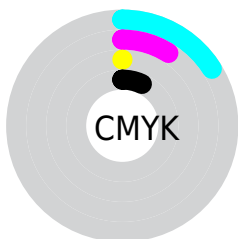
Distribution



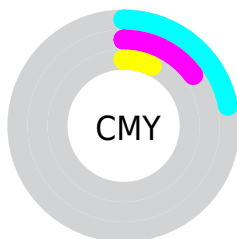
- Red (78%)
- Green (85%)
- Blue (93%)



- Red (78%)
- Yellow (83%)
- Blue (93%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4269, 0.2868, 0.3044 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 67.4269, 0.2868, 0.3044 by changing the saturation by 10% instead.

■ 67.4269, 0.2868,
0.3044

■ 67.4269, 0.2868,
0.3044

451.4628, 0.2989,
0.3159

■ 49.4316, 0.2840,
0.3017

115.5319, 0.2910,
0.3084

■ 34.9620, 0.2806,
0.2984

146.4104, 0.2926,
0.3100

■ 23.6336, 0.2762,
0.2942

182.3522, 0.2940,
0.3113

■ 15.0621, 0.2705,
0.2887

223.7415, 0.2953,
0.3125

■ 8.8629, 0.2626,
0.2811

270.9628, 0.2963,
0.3135

■ 4.6519, 0.2512,
0.2700

324.4006, 0.2973,

■ 2.0445, 0.2333,

0.3144

0.2524

384.4391, 0.2981,
0.3152

0.6331, 0.1954,
0.2168

0.0000, 0.0000,
0.0000

67.4269, 0.2868,
0.3044

67.4269, 0.2868,
0.3044

57.8415, 0.2701,
0.2871

78.0860, 0.3029,
0.3199

49.2846, 0.2531,
0.2682

89.8453, 0.3181,
0.3338

41.7198, 0.2362,
0.2479

98.9529, 0.3226,
0.3454

35.1049, 0.2200,
0.2264

■ 29.3943, 0.2050,
0.2043

■ 24.5375, 0.1919,
0.1823

■ 20.4773, 0.1812,
0.1611

■ 17.1454, 0.1732,
0.1414

■ 16.0942, 0.1708,
0.1348

Harmonies

Analogous

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



67.4269, 0.2825, 0.3129



67.4269, 0.2868, 0.3044



67.4269, 0.2980, 0.3025

Triad

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



67.4269, 0.2868, 0.3044



67.4269, 0.3402, 0.3309



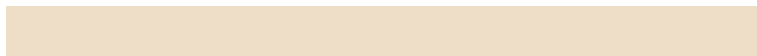
67.4269, 0.3115, 0.3521

Complementary

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



67.4269, 0.2868, 0.3044



73.9638, 0.3402, 0.3524

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.



67.4269, 0.3271, 0.3568



67.4269, 0.2868, 0.3044



67.4269, 0.3440, 0.3440

Square

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



67.4269, 0.2868, 0.3044



67.4269, 0.3289, 0.3176



67.4269, 0.3391, 0.3536



67.4269, 0.2965, 0.3407

Rectangle

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



67.4269, 0.2868, 0.3044



67.4269, 0.3080, 0.3051



67.4269, 0.3391, 0.3536



67.4269, 0.3168, 0.3545

Sweetspot

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



67.4297, 0.2868, 0.3044



93.1700, 0.3050, 0.3220



78.4707, 0.2979, 0.3485



19.7424, 0.3039, 0.3209



0.0000, 0.0000, 0.0000



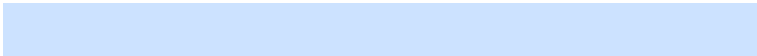
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4297, 0.2868, 0.3044



74.6177, 0.2808, 0.2983



59.3931, 0.2873, 0.2849



16.3663, 0.2980, 0.3154



9.2265, 0.1716, 0.1376



0.9622, 0.1786, 0.1631

Inverse Universe

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



63.9537, 0.3308, 0.3108



69.9536, 0.3357, 0.3066



83.1087, 0.3360, 0.3699



15.8737, 0.3225, 0.3187



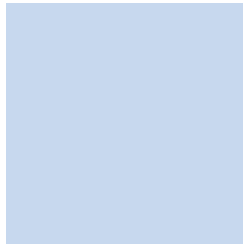
10.7248, 0.5222, 0.2651



0.9118, 0.4892, 0.2469

Previews

White Background



This preview shows how the Yxy color 67.4269, 0.2868, 0.3044 looks on a white background.

Color Contrast Check

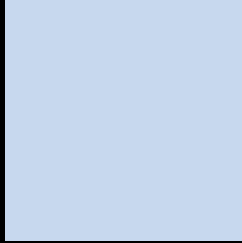
Large Text (above 18pt) WCAG AA × Fail

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 67.4269, 0.2868, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

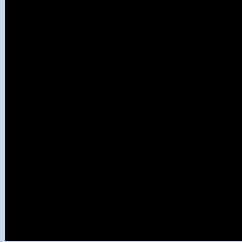
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

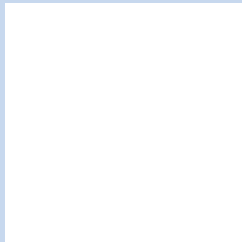
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4269, 0.2868, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 67.4269, 0.2868, 0.3044.

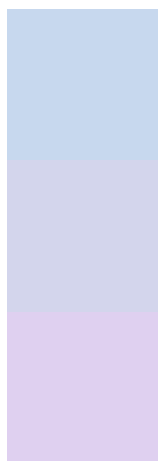


This preview shows how white text looks on a background with the Yxy color 67.4269, 0.2868, 0.3044.

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

67.4269, 0.2868, 0.3044

Protanopia

67.4935, 0.2961, 0.3037

Deuteranopia

67.0910, 0.3019, 0.2948



Tritanopia

67.5720, 0.2887, 0.3098

Trichromacy



Original Color

67.4269, 0.2868, 0.3044

Protanomaly

67.4730, 0.2928, 0.3036

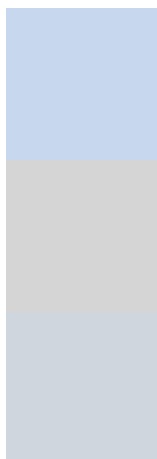
Deuteranomaly

67.1167, 0.2963, 0.2985

Tritanomaly

67.6296, 0.2880, 0.3087

Monochromacy



Original Color

67.4269, 0.2868, 0.3044

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7770, 0.3031, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4269, 0.2868, 0.3044 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(199, 216, 238)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 238)  
}
```

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(199, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 238) }
```

Border

The CSS property to change the border of an element to Yxy 67.4269, 0.2868, 0.3044 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(199, 216, 238) }
```

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

```
.border{ border-color:rgb(199, 216, 238) }
```

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

Here you see how a box with a 4 pixel rgb(199, 216, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 238);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4269, 0.2868, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 238) }
```

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

```
.background{ background-color: rgb(199,  
216, 238) }
```

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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