

Converting Colors

Yxy(67.6677, 0.2918, 0.3132)

Have a look what the booklet for
Yxy(67.6677, 0.2918, 0.3132)
contains.

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Color

Yxy(67.6746, 0.2918, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	C8D9E7
RGB	200, 217, 231
RGB Percent	78%, 85%, 91%
CMY	0.2158, 0.1490, 0.0941
CMYK	0.13, 0.06, 0.00, 0.09
HSL	207°, 39%, 85%
HSV	207°, 13%, 91%
XYZ	63.0506, 67.6746, 85.3495
YIQ	213.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

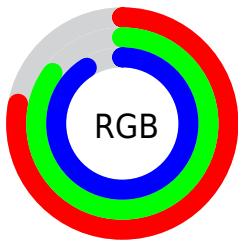
Format	Color
R _Y B	200, 211, 231
Decimal	13162983
CIE Lab	85.84, -2.91, -8.81
CIE LCh	86, 9.284, 251.712
Yxy	67.6746, 0.2918, 0.3132
Android (android.graphics.Color)	4291353063 (0xFFC8D9E7)
YUV	213.5130, 8.6211, -11.8509
Hunter-Lab	82.2646, -7.1540, -3.9282

Details

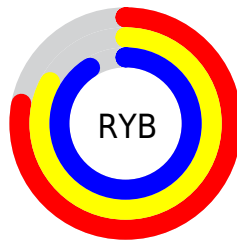
The Yxy color **67.6746, 0.2918, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2369, 0.3353, 0.3443**, and the grayscale version is **66.8481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0468, 0.2873, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **59.5312, 0.2758, 0.2999**, and if you desaturate by 10%, it is **76.6433, 0.3075, 0.3252**.

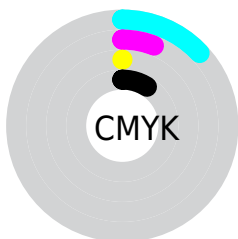
Distribution



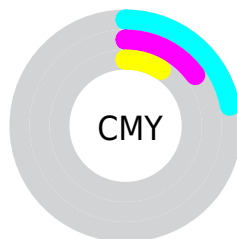
- Red (78%)
- Green (85%)
- Blue (91%)



- Red (78%)
- Yellow (83%)
- Blue (91%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6746, 0.2918, 0.3132 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 67.6746, 0.2918, 0.3132 by changing the saturation by 10% instead.

■ 67.6746, 0.2918,
0.3132

■ 67.6746, 0.2918,
0.3132

452.3422, 0.3016,
0.3206

■ 49.6331, 0.2896,
0.3115

115.8865, 0.2952,
0.3158

■ 35.1219, 0.2868,
0.3093

146.8257, 0.2965,
0.3168

■ 23.7568, 0.2832,
0.3066

182.8328, 0.2977,
0.3177

■ 15.1533, 0.2786,
0.3029

224.2923, 0.2986,
0.3184

■ 8.9271, 0.2722,
0.2978

271.5887, 0.2995,
0.3191

■ 4.6936, 0.2628,
0.2904

325.1062, 0.3003,

■ 2.0687, 0.2480,

0.3197

0.2783

385.2292, 0.3009,
0.3202

0.6469, 0.2127,
0.2530

0.0000, 0.0000,
0.0000

67.6746, 0.2918,
0.3132

67.6746, 0.2918,
0.3132

59.5312, 0.2758,
0.2999

76.6433, 0.3075,
0.3252

52.1768, 0.2597,
0.2854

86.4550, 0.3225,
0.3359

45.5849, 0.2439,
0.2696

94.3292, 0.3275,
0.3458

39.7237, 0.2289,
0.2529

98.5503, 0.3268,
0.3522

■ 34.5587, 0.2151,
0.2355

■ 30.0519, 0.2030,
0.2178

■ 26.1600, 0.1930,
0.2001

■ 22.8318, 0.1852,
0.1830

■ 20.9059, 0.1812,
0.1722

Harmonies

Analogous

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



67.6746, 0.2910, 0.3211



67.6746, 0.2918, 0.3132



67.6746, 0.2981, 0.3096

Triad

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



67.6746, 0.2918, 0.3132



67.6746, 0.3298, 0.3263



67.6746, 0.3167, 0.3477

Complementary

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



67.6746, 0.2918, 0.3132



69.2369, 0.3353, 0.3443

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.



67.6746, 0.3273, 0.3488



67.6746, 0.2918, 0.3132



67.6746, 0.3350, 0.3362

Square

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



67.6746, 0.2918, 0.3132



67.6746, 0.3200, 0.3172



67.6746, 0.3340, 0.3445



67.6746, 0.3053, 0.3413

Rectangle

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



67.6746, 0.2918, 0.3132



67.6746, 0.3047, 0.3101



67.6746, 0.3340, 0.3445



67.6746, 0.3205, 0.3487

Sweetspot

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



67.6774, 0.2918, 0.3132



95.2167, 0.3066, 0.3245



74.2861, 0.3025, 0.3482



20.1918, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



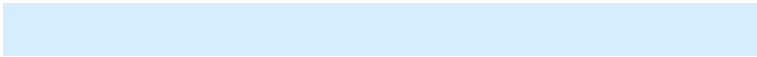
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6774, 0.2918, 0.3132



81.8835, 0.2876, 0.3098



60.0613, 0.2913, 0.2953



15.1923, 0.2981, 0.3181



11.9701, 0.1819, 0.1748



1.0695, 0.1887, 0.1993

Inverse Universe

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



63.2951, 0.3245, 0.3106



75.5455, 0.3272, 0.3068



77.4539, 0.3330, 0.3606



14.4998, 0.3207, 0.3162



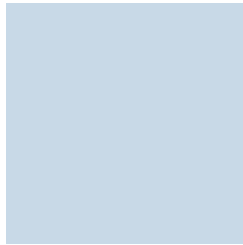
10.4061, 0.4747, 0.2389



0.7876, 0.4461, 0.2231

Previews

White Background



This preview shows how the Yxy color 67.6746, 0.2918, 0.3132 looks on a white background.

Color Contrast Check

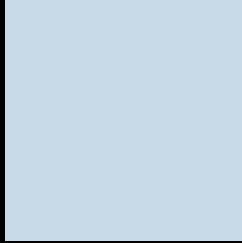
Large Text (above 18pt) WCAG AA × Fail

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 67.6746, 0.2918, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

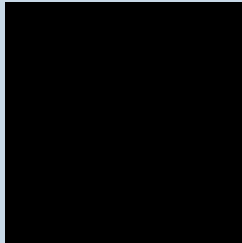
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

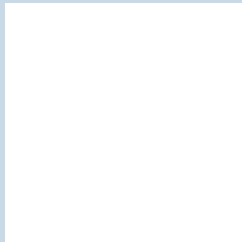
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6746, 0.2918, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 67.6746, 0.2918, 0.3132.

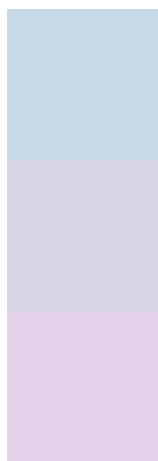


This preview shows how white text looks on a background with the Yxy color 67.6746, 0.2918, 0.3132.

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

67.6746, 0.2918, 0.3132

Protanopia

67.5418, 0.3027, 0.3114

Deuteranopia

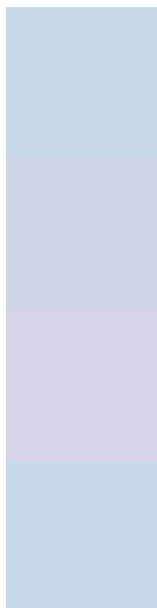
67.3258, 0.3095, 0.3023



Tritanopia

67.8456, 0.2900, 0.3099

Trichromacy



Original Color

67.6746, 0.2918, 0.3132

Protanomaly

67.3616, 0.2986, 0.3112

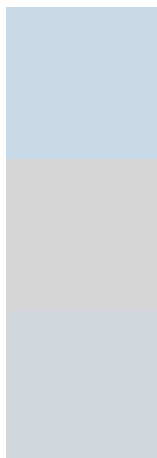
Deuteranomaly

67.1664, 0.3029, 0.3061

Tritanomaly

67.7883, 0.2906, 0.3110

Monochromacy



Original Color

67.6746, 0.2918, 0.3132

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3235, 0.3051, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6746, 0.2918, 0.3132 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(200, 217, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 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(200, 217, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 231) }
```

Border

The CSS property to change the border of an element to Yxy 67.6746, 0.2918, 0.3132 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(200, 217, 231) }
```

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

```
.border{ border-color:rgb(200, 217, 231) }
```

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

Here you see how a box with a 4 pixel rgb(200, 217, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6746, 0.2918, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 231) }
```

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

```
.background{ background-color: rgb(200,  
217, 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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