

Converting Colors

Yxy(67.2143, 0.2957, 0.3166)

Have a look what the booklet for
Yxy(67.2143, 0.2957, 0.3166)
contains.

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Color

Yxy(67.2143, 0.2957, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	CAD8E3
RGB	202, 216, 227
RGB Percent	79%, 85%, 89%
CMY	0.2078, 0.1529, 0.1100
CMYK	0.11, 0.05, 0.00, 0.11
HSL	206°, 31%, 84%
HSV	206°, 11%, 89%
XYZ	62.7772, 67.2143, 82.3089
YIQ	213.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

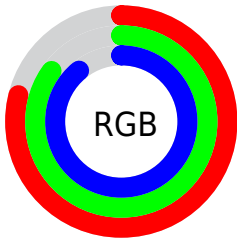
Format	Color
R _Y B	202, 211, 227
Decimal	13293795
CIE Lab	85.61, -2.55, -7.00
CIE LCh	86, 7.446, 250.000
Yxy	67.2143, 0.2957, 0.3166
Android (android.graphics.Color)	4291483875 (0xFFCAD8E3)
YUV	213.0680, 6.8685, -9.7066
Hunter-Lab	81.9843, -6.7912, -2.1357

Details

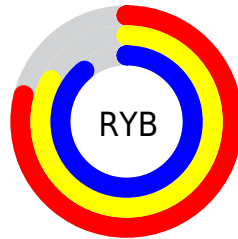
The Yxy color **67.2143, 0.2957, 0.3166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1666, 0.3308, 0.3411**, and the grayscale version is **66.5487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7642, 0.2914, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **59.3250, 0.2798, 0.3040**, and if you desaturate by 10%, it is **75.8848, 0.3112, 0.3279**.

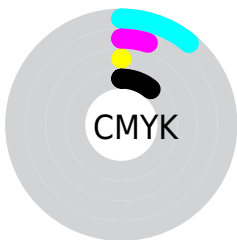
Distribution



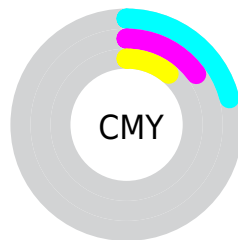
- Red (79%)
- Green (85%)
- Blue (89%)



- Red (79%)
- Yellow (83%)
- Blue (89%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2143, 0.2957, 0.3166 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 67.2143, 0.2957, 0.3166 by changing the saturation by 10% instead.

■ 67.2143, 0.2957,
0.3166

■ 67.2143, 0.2957,
0.3166

450.7072, 0.3037,
0.3225

■ 49.2588, 0.2939,
0.3152

115.2274, 0.2985,
0.3187

■ 34.8248, 0.2916,
0.3135

146.0538, 0.2996,
0.3194

■ 23.5280, 0.2887,
0.3114

181.9394, 0.3005,
0.3201

■ 14.9838, 0.2848,
0.3085

223.2684, 0.3013,
0.3207

■ 8.8080, 0.2795,
0.3045

270.4253, 0.3020,
0.3212

■ 4.6162, 0.2718,
0.2985

323.7944, 0.3026,

■ 2.0239, 0.2594,

0.3217

0.2888

383.7603, 0.3032,
0.3221

0.6213, 0.2268,
0.2667

0.0000, 0.0000,
0.0000

67.2143, 0.2957,
0.3166

67.2143, 0.2957,
0.3166

59.3250, 0.2798,
0.3040

75.8848, 0.3112,
0.3279

52.1829, 0.2638,
0.2902

85.3525, 0.3261,
0.3381

45.7634, 0.2481,
0.2751

92.6643, 0.3302,
0.3476

40.0372, 0.2330,
0.2591

98.3239, 0.3292,
0.3562

■ 34.9725, 0.2190,
0.2424

■ 30.5343, 0.2066,
0.2252

■ 26.6833, 0.1962,
0.2079

■ 23.3733, 0.1880,
0.1911

■ 20.7887, 0.1824,
0.1765

Harmonies

Analogous

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



67.2143, 0.2953, 0.3232



67.2143, 0.2957, 0.3166



67.2143, 0.3006, 0.3135

Triad

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



67.2143, 0.2957, 0.3166



67.2143, 0.3261, 0.3264



67.2143, 0.3165, 0.3442

Complementary

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



67.2143, 0.2957, 0.3166



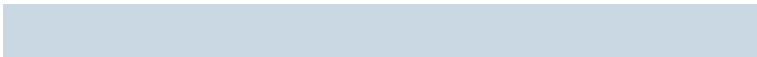
68.1666, 0.3308, 0.3411

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.



67.2143, 0.3249, 0.3448



67.2143, 0.2957, 0.3166



67.2143, 0.3305, 0.3344

Square

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



67.2143, 0.2957, 0.3166



67.2143, 0.3181, 0.3191



67.2143, 0.3300, 0.3412



67.2143, 0.3072, 0.3393

Rectangle

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



67.2143, 0.2957, 0.3166



67.2143, 0.3058, 0.3136



67.2143, 0.3300, 0.3412



67.2143, 0.3195, 0.3449

Sweetspot

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



67.2171, 0.2957, 0.3166



96.4523, 0.3081, 0.3257



72.2716, 0.3046, 0.3450



20.4452, 0.3069, 0.3249



0.0000, 0.0000, 0.0000



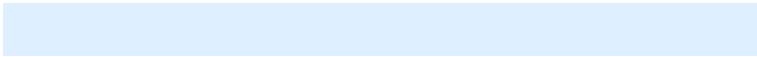
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2171, 0.2957, 0.3166



85.3037, 0.2924, 0.3141



61.1382, 0.2955, 0.3024



15.2211, 0.2981, 0.3184



12.3648, 0.1830, 0.1789



1.0980, 0.1897, 0.2028

Inverse Universe

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



63.5330, 0.3219, 0.3137



79.7402, 0.3239, 0.3107



74.6017, 0.3293, 0.3543



14.5027, 0.3205, 0.3159



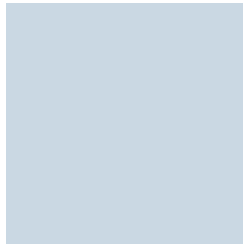
10.4460, 0.4699, 0.2362



0.7905, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 67.2143, 0.2957, 0.3166 looks on a white background.

Color Contrast Check

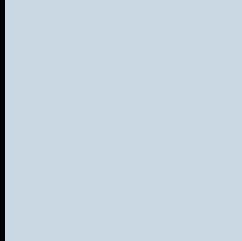
Large Text (above 18pt) WCAG AA × Fail

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 67.2143, 0.2957, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

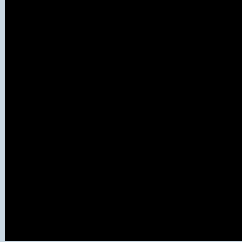
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

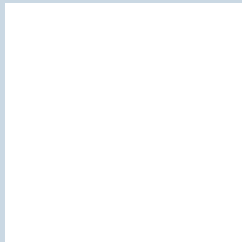
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2143, 0.2957, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 67.2143, 0.2957, 0.3166.

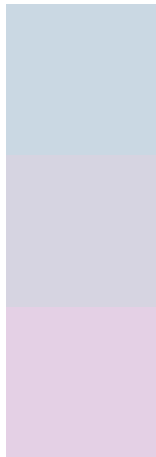


This preview shows how white text looks on a background with the Yxy color 67.2143, 0.2957, 0.3166.

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

67.2143, 0.2957, 0.3166

Protanopia

66.8194, 0.3054, 0.3146

Deuteranopia

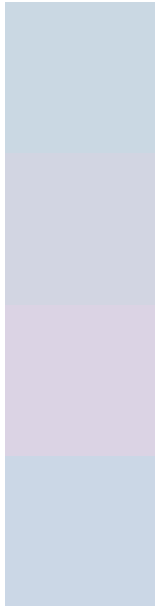
67.2629, 0.3130, 0.3065



Tritanopia

67.1236, 0.2932, 0.3099

Trichromacy



Original Color

67.2143, 0.2957, 0.3166

Protanomaly

66.7811, 0.3019, 0.3145

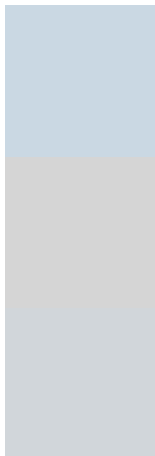
Deuteranomaly

67.2500, 0.3070, 0.3104

Tritanomaly

67.0106, 0.2944, 0.3121

Monochromacy



Original Color

67.2143, 0.2957, 0.3166

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7104, 0.3064, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2143, 0.2957, 0.3166 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(202, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 227)  
}
```

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(202, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 227) }
```

Border

The CSS property to change the border of an element to Yxy 67.2143, 0.2957, 0.3166 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(202, 216, 227) }
```

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

```
.border{ border-color:rgb(202, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2143, 0.2957, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 227) }
```

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

```
.background{ background-color: rgb(202,  
216, 227) }
```

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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