

Converting Colors

$Yxy(67.5379, 0.2941, 0.3206)$

Have a look what the booklet for
Yxy(67.5379, 0.2941, 0.3206)
contains.

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Color

Yxy(67.5848, 0.2942, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	C6DAE1
RGB	198, 218, 225
RGB Percent	78%, 85%, 88%
CMY	0.2237, 0.1450, 0.1176
CMYK	0.12, 0.03, 0.00, 0.12
HSL	196°, 31%, 83%
HSV	196°, 12%, 88%
XYZ	61.9422, 67.5848, 81.0175
YIQ	212.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

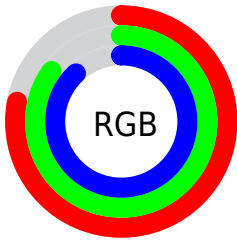
Format	Color
R _Y B	198, 209, 225
Decimal	13032161
CIE Lab	85.80, -5.29, -5.72
CIE LCh	86, 7.789, 227.231
Yxy	67.5848, 0.2942, 0.3210
Android (android.graphics.Color)	4291222241 (0xFFC6DAE1)
YUV	212.8180, 6.0057, -12.9954
Hunter-Lab	82.2100, -9.3742, -0.8830

Details

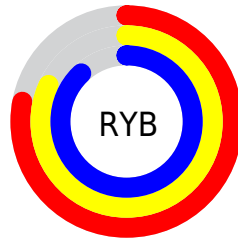
The Yxy color **67.5848, 0.2942, 0.3210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7203, 0.3334, 0.3369**, and the grayscale version is **66.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0260, 0.2896, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **61.7915, 0.2790, 0.3136**, and if you desaturate by 10%, it is **73.9437, 0.3096, 0.3277**.

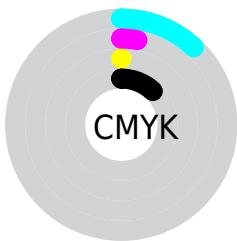
Distribution



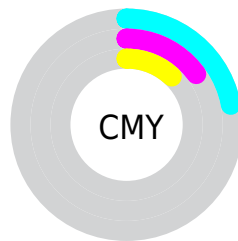
- Red (78%)
- Green (85%)
- Blue (88%)



- Red (78%)
- Yellow (82%)
- Blue (88%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5848, 0.2942, 0.3210 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 67.5848, 0.2942, 0.3210 by changing the saturation by 10% instead.

■ 67.5848, 0.2942,
0.3210

■ 67.5848, 0.2942,
0.3210

452.0235, 0.3028,
0.3248

■ 49.5600, 0.2922,
0.3201

115.7580, 0.2972,
0.3223

■ 35.0639, 0.2897,
0.3190

146.6752, 0.2984,
0.3229

■ 23.7121, 0.2866,
0.3175

182.6586, 0.2994,
0.3233

■ 15.1202, 0.2824,
0.3156

224.0927, 0.3003,
0.3237

■ 8.9038, 0.2767,
0.3129

271.3618, 0.3010,
0.3240

■ 4.6785, 0.2684,
0.3088

324.8504, 0.3017,

■ 2.0599, 0.2551,

0.3243

0.3020

384.9429, 0.3023,
0.3246

0.6419, 0.2159,
0.2881

0.0000, 0.0000,
0.0000

67.5848, 0.2942,
0.3210

67.5848, 0.2942,
0.3210

61.7915, 0.2790,
0.3136

73.9437, 0.3096,
0.3277

56.5343, 0.2643,
0.3056

80.8794, 0.3249,
0.3338

51.7936, 0.2503,
0.2970

86.3759, 0.3327,
0.3394

47.5448, 0.2376,
0.2879

89.7683, 0.3320,
0.3451

■ 43.7614, 0.2263,
0.2785

■ 93.2707, 0.3313,
0.3507

■ 40.4135, 0.2168,
0.2688

■ 96.8839, 0.3306,
0.3562

■ 37.4671, 0.2093,
0.2591

■ 98.2165, 0.3303,
0.3582

■ 34.8816, 0.2038,
0.2494

■ 33.0250, 0.2005,
0.2418

Harmonies

Analogous

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



67.5848, 0.2975, 0.3295



67.5848, 0.2942, 0.3210



67.5848, 0.2958, 0.3149

Triad

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



67.5848, 0.2942, 0.3210



67.5848, 0.3205, 0.3203



67.5848, 0.3235, 0.3458

Complementary

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



67.5848, 0.2942, 0.3210



63.7203, 0.3334, 0.3369

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.



67.5848, 0.3299, 0.3430



67.5848, 0.2942, 0.3210



67.5848, 0.3282, 0.3283

Square

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



67.5848, 0.2942, 0.3210



67.5848, 0.3109, 0.3146



67.5848, 0.3316, 0.3366



67.5848, 0.3143, 0.3440

Rectangle

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



67.5848, 0.2942, 0.3210



67.5848, 0.2994, 0.3129



67.5848, 0.3316, 0.3366



67.5848, 0.3261, 0.3454

Sweetspot

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



67.5876, 0.2942, 0.3210



96.4464, 0.3065, 0.3264



70.2475, 0.3069, 0.3524



20.5034, 0.3053, 0.3259



0.0000, 0.0000, 0.0000



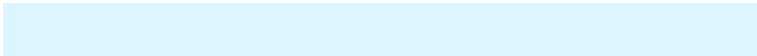
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5876, 0.2942, 0.3210



88.1017, 0.2910, 0.3195



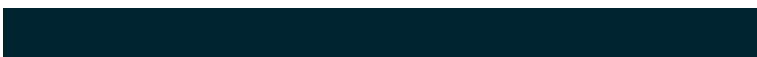
60.9645, 0.2939, 0.3056



14.9414, 0.2982, 0.3228



19.2275, 0.2009, 0.2433



1.4747, 0.2050, 0.2581

Inverse Universe

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



61.4394, 0.3192, 0.3069



78.7198, 0.3205, 0.3030



70.3527, 0.3315, 0.3514



13.8720, 0.3177, 0.3118



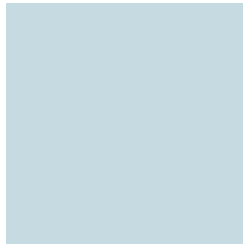
10.8491, 0.3990, 0.1971



0.7663, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 67.5848, 0.2942, 0.3210 looks on a white background.

Color Contrast Check

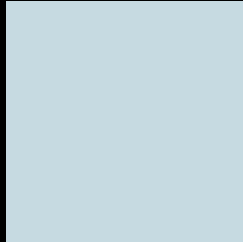
Large Text (above 18pt) WCAG AA × Fail

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 67.5848, 0.2942, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

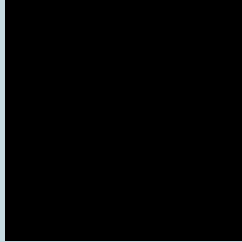
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

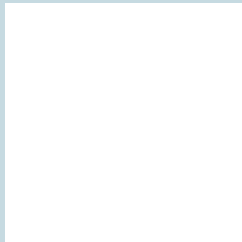
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5848, 0.2942, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 67.5848, 0.2942, 0.3210.

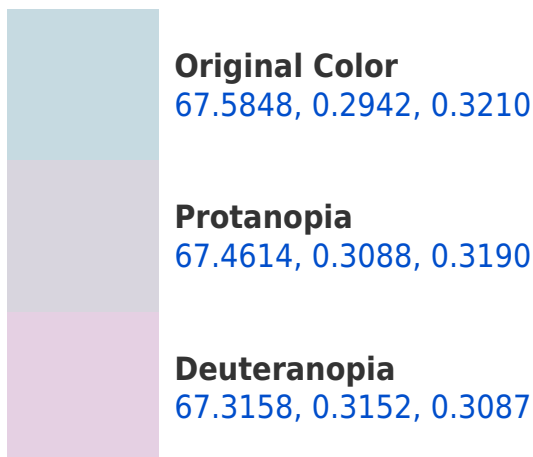


This preview shows how white text looks on a background with the Yxy color 67.5848, 0.2942, 0.3210.

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

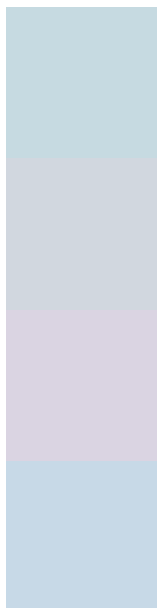




Tritanopia

67.8456, 0.2900, 0.3099

Trichromacy



Original Color

67.5848, 0.2942, 0.3210

Protanomaly

67.4839, 0.3031, 0.3200

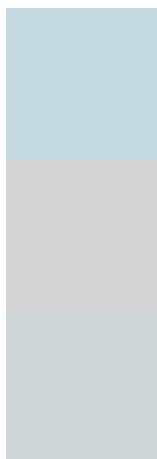
Deuteranomaly

67.4834, 0.3076, 0.3136

Tritanomaly

67.5373, 0.2912, 0.3132

Monochromacy



Original Color

67.5848, 0.2942, 0.3210

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0205, 0.3063, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5848, 0.2942, 0.3210 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(198, 218, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 225)  
}
```

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(198, 218, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 225) }
```

Border

The CSS property to change the border of an element to Yxy 67.5848, 0.2942, 0.3210 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(198, 218, 225) }
```

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

```
.border{ border-color:rgb(198, 218, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 225);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5848, 0.2942, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 225) }
```

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

```
.background{ background-color: rgb(198,  
218, 225) }
```

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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