

Converting Colors

$Yxy(66.2785, 0.2940, 0.3165)$

Have a look what the booklet for
Yxy(66.2785, 0.2940, 0.3165)
contains.

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Color

Yxy(66.2340, 0.2942, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	C7D7E2
RGB	199, 215, 226
RGB Percent	78%, 84%, 89%
CMY	0.2196, 0.1569, 0.1136
CMYK	0.12, 0.05, 0.00, 0.11
HSL	205°, 32%, 83%
HSV	205°, 12%, 89%
XYZ	61.5867, 66.2340, 81.5155
YIQ	211.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

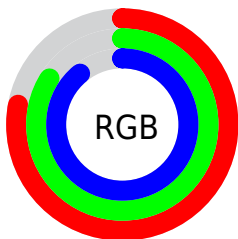
Format	Color
R _Y B	199, 209, 226
Decimal	13096930
CIE Lab	85.12, -3.18, -7.27
CIE LCh	85, 7.930, 246.382
Yxy	66.2340, 0.2942, 0.3164
Android (android.graphics.Color)	4291287010 (0xFFC7D7E2)
YUV	211.4700, 7.1633, -10.9362
Hunter-Lab	81.3843, -7.3444, -2.4166

Details

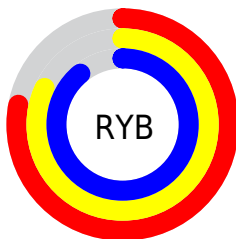
The Yxy color **66.2340, 0.2942, 0.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4162, 0.3327, 0.3413**, and the grayscale version is **65.4303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1016, 0.2895, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **58.8009, 0.2784, 0.3046**, and if you desaturate by 10%, it is **74.3972, 0.3097, 0.3271**.

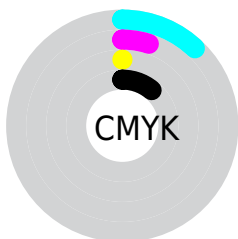
Distribution



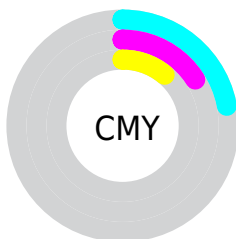
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2340, 0.2942, 0.3164 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 66.2340, 0.2942, 0.3164 by changing the saturation by 10% instead.

■ 66.2340, 0.2942,
0.3164

■ 66.2340, 0.2942,
0.3164

447.2133, 0.3029,
0.3224

■ 48.4624, 0.2922,
0.3150

113.8221, 0.2972,
0.3185

■ 34.1932, 0.2897,
0.3133

144.4074, 0.2984,
0.3193

■ 23.0421, 0.2865,
0.3110

180.0327, 0.2994,
0.3200

■ 14.6246, 0.2823,
0.3080

221.0824, 0.3003,
0.3206

■ 8.5563, 0.2765,
0.3039

267.9410, 0.3011,
0.3211

■ 4.4529, 0.2680,
0.2977

320.9927, 0.3017,

■ 1.9300, 0.2543,

0.3216

0.2875

380.6220, 0.3023,
0.3220

0.5663, 0.2132,
0.2621

0.0000, 0.0000,
0.0000

66.2340, 0.2942,
0.3164

66.2340, 0.2942,
0.3164

58.8009, 0.2784,
0.3046

74.3972, 0.3097,
0.3271

52.0651, 0.2626,
0.2917

83.3054, 0.3248,
0.3366

46.0033, 0.2472,
0.2777

90.6717, 0.3312,
0.3454

40.5874, 0.2326,
0.2628

96.3280, 0.3301,
0.3542

■ 35.7868, 0.2192,
0.2473

■ 98.2730, 0.3297,
0.3571

■ 31.5678, 0.2075,
0.2313

■ 27.8923, 0.1977,
0.2154

■ 24.7150, 0.1901,
0.1997

■ 22.4648, 0.1854,
0.1875

Harmonies

Analogous

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



66.2340, 0.2944, 0.3238



66.2340, 0.2942, 0.3164



66.2340, 0.2989, 0.3125

Triad

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



66.2340, 0.2942, 0.3164



66.2340, 0.3261, 0.3252



66.2340, 0.3180, 0.3456

Complementary

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



66.2340, 0.2942, 0.3164



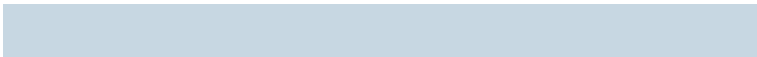
66.4162, 0.3327, 0.3413

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.



66.2340, 0.3266, 0.3457



66.2340, 0.2942, 0.3164



66.2340, 0.3314, 0.3338

Square

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



66.2340, 0.2942, 0.3164



66.2340, 0.3173, 0.3176



66.2340, 0.3316, 0.3413



66.2340, 0.3080, 0.3408

Rectangle

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



66.2340, 0.2942, 0.3164



66.2340, 0.3042, 0.3124



66.2340, 0.3316, 0.3413



66.2340, 0.3211, 0.3462

Sweetspot

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



66.2368, 0.2942, 0.3164



95.4872, 0.3065, 0.3249



71.2007, 0.3044, 0.3475



20.2603, 0.3054, 0.3242



0.0000, 0.0000, 0.0000



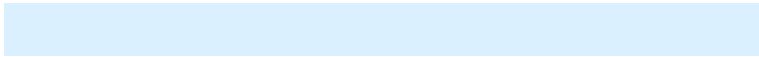
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2368, 0.2942, 0.3164



84.8938, 0.2908, 0.3140



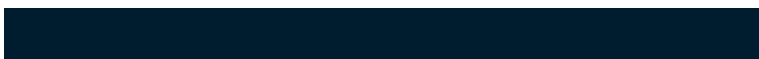
59.7433, 0.2939, 0.3009



14.5845, 0.2981, 0.3192



13.0506, 0.1861, 0.1899



1.0794, 0.1926, 0.2135

Inverse Universe

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



61.9328, 0.3222, 0.3114



78.3959, 0.3241, 0.3082



73.2530, 0.3309, 0.3556



13.8359, 0.3200, 0.3152



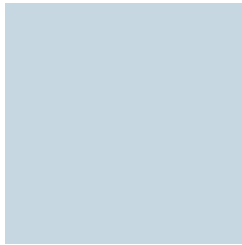
10.2255, 0.4569, 0.2291



0.7264, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 66.2340, 0.2942, 0.3164 looks on a white background.

Color Contrast Check

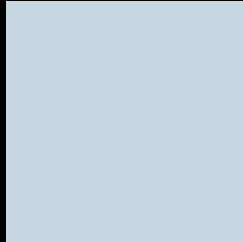
Large Text (above 18pt) WCAG AA × Fail

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 66.2340, 0.2942, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

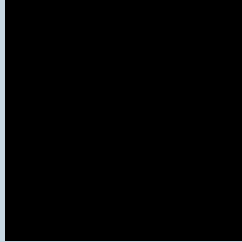
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

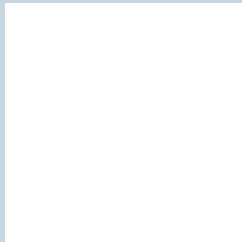
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2340, 0.2942, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 66.2340, 0.2942, 0.3164.

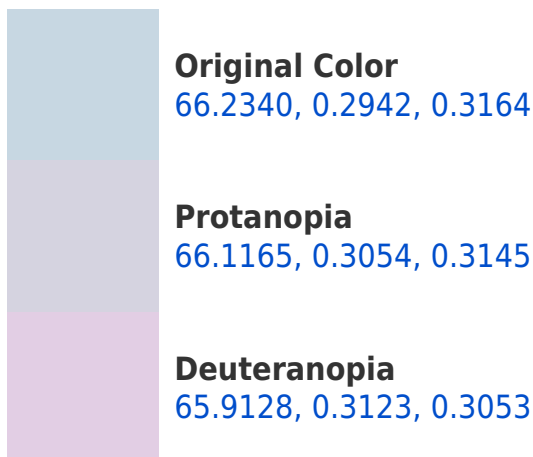


This preview shows how white text looks on a background with the Yxy color 66.2340, 0.2942, 0.3164.

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

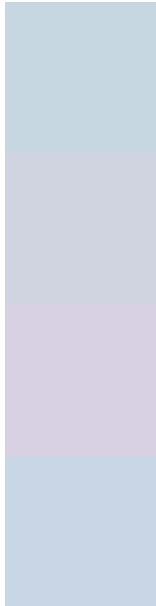




Tritanopia

66.1420, 0.2917, 0.3098

Trichromacy



Original Color

66.2340, 0.2942, 0.3164

Protanomaly

65.9331, 0.3011, 0.3144

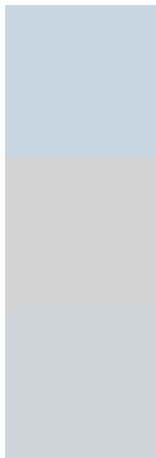
Deuteranomaly

65.7459, 0.3056, 0.3091

Tritanomaly

66.0296, 0.2930, 0.3120

Monochromacy



Original Color

66.2340, 0.2942, 0.3164

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3102, 0.3064, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2340, 0.2942, 0.3164 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, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 226)  
}
```

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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.2340, 0.2942, 0.3164 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, 215, 226) }
```

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

```
.border{ border-color:rgb(199, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 215, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 215, 226); box-shadow:4px 4px 4px 4px rgb(199, 215, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2340, 0.2942, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 226) }
```

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

```
.background{ background-color: rgb(199,  
215, 226) }
```

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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