

Converting Colors

Yxy(67.4311, 0.2956, 0.3181)

Have a look what the booklet for
Yxy(67.4311, 0.2956, 0.3181)
contains.

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Color

Yxy(67.5342, 0.2956, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	C9D9E2
RGB	201, 217, 226
RGB Percent	79%, 85%, 89%
CMY	0.2119, 0.1490, 0.1137
CMYK	0.11, 0.04, 0.00, 0.11
HSL	202°, 30%, 84%
HSV	202°, 11%, 89%
XYZ	62.6195, 67.5342, 81.6850
YIQ	213.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

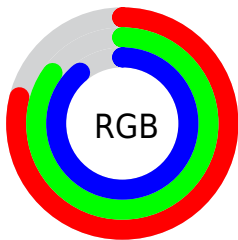
Format	Color
R _Y B	201, 211, 226
Decimal	13228514
CIE Lab	85.77, -3.61, -6.26
CIE LCh	86, 7.223, 240.054
Yxy	67.5342, 0.2956, 0.3188
Android (android.graphics.Color)	4291418594 (0xFFC9D9E2)
YUV	213.2420, 6.2897, -10.7362
Hunter-Lab	82.1792, -7.7988, -1.4080

Details

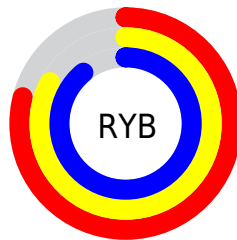
The Yxy color **67.5342, 0.2956, 0.3188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4504, 0.3313, 0.3390**, and the grayscale version is **66.6709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9840, 0.2914, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **60.5539, 0.2800, 0.3086**, and if you desaturate by 10%, it is **75.1863, 0.3111, 0.3281**.

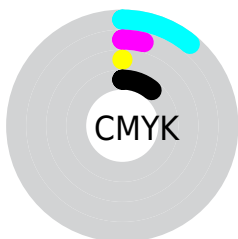
Distribution



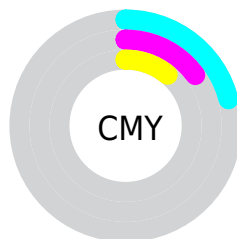
- Red (79%)
- Green (85%)
- Blue (89%)



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



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5342, 0.2956, 0.3188 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 67.5342, 0.2956, 0.3188 by changing the saturation by 10% instead.

■ 67.5342, 0.2956,
0.3188

■ 67.5342, 0.2956,
0.3188

451.8439, 0.3036,
0.3236

■ 49.5189, 0.2938,
0.3177

115.6855, 0.2984,
0.3205

■ 35.0313, 0.2915,
0.3163

146.5903, 0.2995,
0.3212

■ 23.6870, 0.2885,
0.3145

182.5604, 0.3004,
0.3217

■ 15.1016, 0.2847,
0.3120

223.9802, 0.3012,
0.3222

■ 8.8907, 0.2794,
0.3087

271.2340, 0.3019,
0.3226

■ 4.6700, 0.2717,
0.3037

324.7063, 0.3025,

■ 2.0549, 0.2593,

0.3230

0.2955

384.7815, 0.3031,
0.3233

0.6391, 0.2256,
0.2776

0.0000, 0.0000,
0.0000

67.5342, 0.2956,
0.3188

67.5342, 0.2956,
0.3188

60.5539, 0.2800,
0.3086

75.1863, 0.3111,
0.3281

54.2141, 0.2645,
0.2974

83.5235, 0.3262,
0.3364

48.4930, 0.2496,
0.2853

89.8649, 0.3314,
0.3441

43.3642, 0.2355,
0.2724

94.7823, 0.3304,
0.3519

■ 38.7991, 0.2227,
0.2589

■ 98.2710, 0.3298,
0.3572

■ 34.7659, 0.2115,
0.2451

■ 31.2284, 0.2023,
0.2312

■ 28.1442, 0.1952,
0.2174

■ 25.7136, 0.1904,
0.2054

Harmonies

Analogous

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



67.5342, 0.2967, 0.3259



67.5342, 0.2956, 0.3188



67.5342, 0.2990, 0.3145

Triad

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



67.5342, 0.2956, 0.3188



67.5342, 0.3234, 0.3239



67.5342, 0.3193, 0.3444

Complementary

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



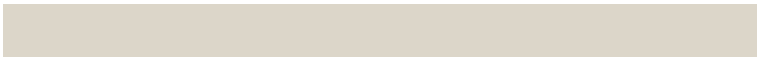
67.5342, 0.2956, 0.3188



66.4504, 0.3313, 0.3390

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.



67.5342, 0.3266, 0.3436



67.5342, 0.2956, 0.3188



67.5342, 0.3290, 0.3317

Square

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



67.5342, 0.2956, 0.3188



67.5342, 0.3149, 0.3176



67.5342, 0.3301, 0.3389



67.5342, 0.3103, 0.3409

Rectangle

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



67.5342, 0.2956, 0.3188



67.5342, 0.3033, 0.3138



67.5342, 0.3301, 0.3389



67.5342, 0.3220, 0.3446

Sweetspot

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



67.5370, 0.2956, 0.3188



96.8390, 0.3081, 0.3263



71.4441, 0.3058, 0.3475



20.5497, 0.3068, 0.3256



0.0000, 0.0000, 0.0000



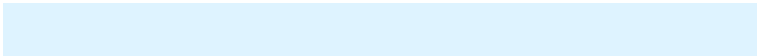
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5370, 0.2956, 0.3188



86.8902, 0.2925, 0.3168



61.4309, 0.2954, 0.3046



14.7018, 0.2981, 0.3204



14.9020, 0.1910, 0.2075



1.2005, 0.1968, 0.2283

Inverse Universe

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



62.9349, 0.3205, 0.3114



79.9003, 0.3221, 0.3081



72.7561, 0.3297, 0.3523



13.8478, 0.3192, 0.3141



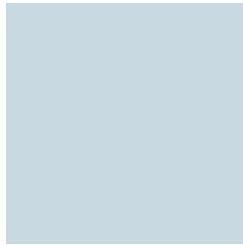
10.4124, 0.4369, 0.2180



0.7387, 0.4144, 0.2056

Previews

White Background



This preview shows how the Yxy color 67.5342, 0.2956, 0.3188 looks on a white background.

Color Contrast Check

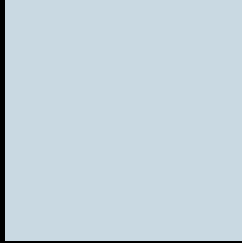
Large Text (above 18pt) WCAG AA × Fail

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 67.5342, 0.2956, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

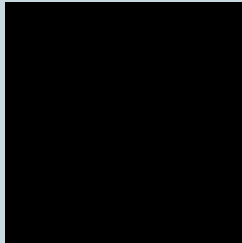
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

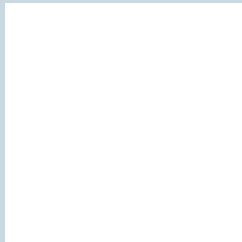
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5342, 0.2956, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 67.5342, 0.2956, 0.3188.



This preview shows how white text looks on a background with the Yxy color 67.5342, 0.2956, 0.3188.

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

67.5342, 0.2956, 0.3188

Protanopia

67.4174, 0.3068, 0.3168

Deuteranopia

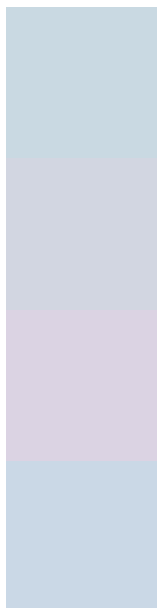
67.3712, 0.3145, 0.3076



Tritanopia

67.5515, 0.2919, 0.3099

Trichromacy



Original Color

67.5342, 0.2956, 0.3188

Protanomaly

67.2310, 0.3025, 0.3167

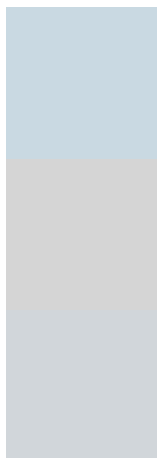
Deuteranomaly

67.1947, 0.3077, 0.3115

Tritanomaly

67.3815, 0.2938, 0.3132

Monochromacy



Original Color

67.5342, 0.2956, 0.3188

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 67.5342, 0.2956, 0.3188 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(201, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 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(201, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 226) }
```

Border

The CSS property to change the border of an element to Yxy 67.5342, 0.2956, 0.3188 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(201, 217, 226) }
```

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

```
.border{ border-color:rgb(201, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5342, 0.2956, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 226) }
```

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

```
.background{ background-color: rgb(201,  
217, 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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