

Converting Colors

Yxy(66.9688, 0.2960, 0.3188)

Have a look what the booklet for
Yxy(66.9688, 0.2960, 0.3188)
contains.

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Color

Yxy(66.9655, 0.2962, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	C9D8E1
RGB	201, 216, 225
RGB Percent	79%, 85%, 88%
CMY	0.2120, 0.1528, 0.1177
CMYK	0.11, 0.04, 0.00, 0.12
HSL	202°, 29%, 84%
HSV	202°, 11%, 88%
XYZ	62.2183, 66.9655, 80.8711
YIQ	212.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

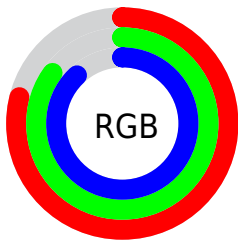
Format	Color
R _Y B	201, 210, 225
Decimal	13228257
CIE Lab	85.49, -3.30, -6.15
CIE LCh	85, 6.977, 241.756
Yxy	66.9655, 0.2962, 0.3188
Android (android.graphics.Color)	4291418337 (0xFFC9D8E1)
YUV	212.5410, 6.1423, -10.1215
Hunter-Lab	81.8325, -7.4910, -1.3108

Details

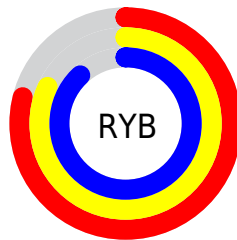
The Yxy color **66.9655, 0.2962, 0.3188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2602, 0.3305, 0.3390**, and the grayscale version is **66.1756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5951, 0.2921, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **59.8898, 0.2806, 0.3082**, and if you desaturate by 10%, it is **74.7226, 0.3117, 0.3284**.

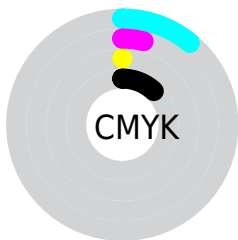
Distribution



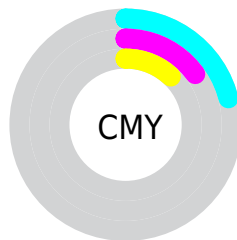
- Red (79%)
- Green (85%)
- Blue (88%)



- Red (79%)
- Yellow (82%)
- Blue (88%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9655, 0.2962, 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 66.9655, 0.2962, 0.3188 by changing the saturation by 10% instead.

■ 66.9655, 0.2962,
0.3188

■ 66.9655, 0.2962,
0.3188

449.8220, 0.3039,
0.3236

■ 49.0566, 0.2944,
0.3177

114.8710, 0.2989,
0.3205

■ 34.6644, 0.2922,
0.3163

145.6363, 0.2999,
0.3212

■ 23.4045, 0.2894,
0.3144

181.4560, 0.3008,
0.3217

■ 14.8924, 0.2856,
0.3120

222.7142, 0.3016,
0.3222

■ 8.7439, 0.2805,
0.3087

269.7956, 0.3023,
0.3226

■ 4.5745, 0.2729,
0.3037

323.0844, 0.3029,

■ 1.9999, 0.2608,

0.3230

0.2954

382.9651, 0.3034,
0.3233

0.6074, 0.2257,
0.2760

0.0000, 0.0000,
0.0000

66.9655, 0.2962,
0.3188

66.9655, 0.2962,
0.3188

59.8898, 0.2806,
0.3082

74.7226, 0.3117,
0.3284

53.4640, 0.2650,
0.2966

83.1744, 0.3267,
0.3369

47.6664, 0.2499,
0.2840

89.7081, 0.3320,
0.3450

42.4707, 0.2356,
0.2707

94.7901, 0.3310,
0.3530

■ 37.8481, 0.2225,
0.2567

■ 98.2156, 0.3304,
0.3582

■ 33.7669, 0.2111,
0.2423

■ 30.1913, 0.2016,
0.2278

■ 27.0792, 0.1942,
0.2134

■ 24.5345, 0.1890,
0.2004

Harmonies

Analogous

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



66.9655, 0.2971, 0.3256



66.9655, 0.2962, 0.3188



66.9655, 0.2997, 0.3148

Triad

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



66.9655, 0.2962, 0.3188



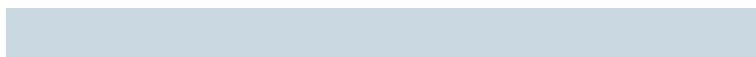
66.9655, 0.3234, 0.3245



66.9655, 0.3186, 0.3438

Complementary

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



66.9655, 0.2962, 0.3188



66.2602, 0.3305, 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.



66.9655, 0.3258, 0.3433



66.9655, 0.2962, 0.3188



66.9655, 0.3286, 0.3321

Square

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



66.9655, 0.2962, 0.3188



66.9655, 0.3154, 0.3182



66.9655, 0.3295, 0.3390



66.9655, 0.3099, 0.3402

Rectangle

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



66.9655, 0.2962, 0.3188



66.9655, 0.3041, 0.3143



66.9655, 0.3295, 0.3390



66.9655, 0.3213, 0.3441

Sweetspot

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



66.9683, 0.2962, 0.3188



96.7729, 0.3081, 0.3262



70.8928, 0.3058, 0.3464



20.5318, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



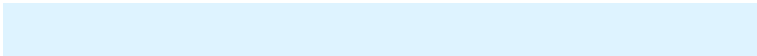
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9683, 0.2962, 0.3188



86.6176, 0.2925, 0.3164



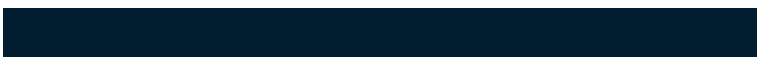
61.0951, 0.2960, 0.3051



14.6692, 0.2981, 0.3201



14.3705, 0.1896, 0.2026



1.1660, 0.1956, 0.2242

Inverse Universe

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



62.7059, 0.3204, 0.3124



79.8728, 0.3224, 0.3086



72.3456, 0.3290, 0.3519



13.8445, 0.3195, 0.3144



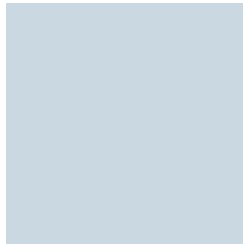
10.3588, 0.4424, 0.2211



0.7352, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 66.9655, 0.2962, 0.3188 looks on a white background.

Color Contrast Check

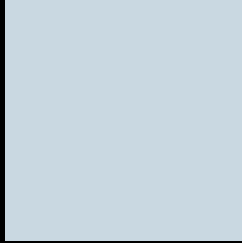
Large Text (above 18pt) WCAG AA × Fail

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 66.9655, 0.2962, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

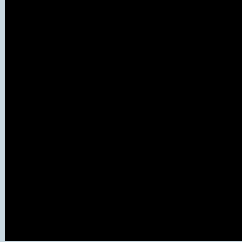
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

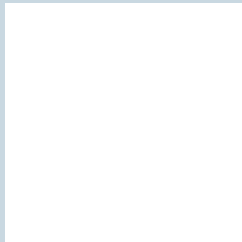
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9655, 0.2962, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 66.9655, 0.2962, 0.3188.

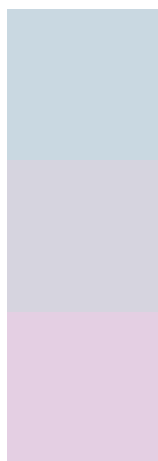


This preview shows how white text looks on a background with the Yxy color 66.9655, 0.2962, 0.3188.

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

66.9655, 0.2962, 0.3188

Protanopia

66.7108, 0.3067, 0.3168

Deuteranopia

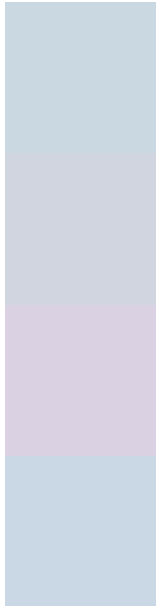
66.6657, 0.3145, 0.3075



Tritanopia

66.9836, 0.2925, 0.3099

Trichromacy



Original Color

66.9655, 0.2962, 0.3188

Protanomaly

66.5256, 0.3025, 0.3167

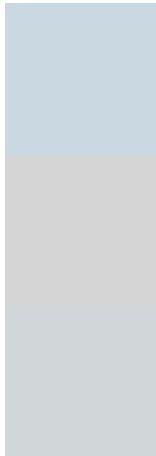
Deuteranomaly

66.4896, 0.3077, 0.3114

Tritanomaly

66.8146, 0.2944, 0.3132

Monochromacy



Original Color

66.9655, 0.2962, 0.3188

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6582, 0.3071, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9655, 0.2962, 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, 216, 225)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 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(201, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 225) }
```

Border

The CSS property to change the border of an element to Yxy 66.9655, 0.2962, 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, 216, 225) }
```

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

```
.border{ border-color:rgb(201, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9655, 0.2962, 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, 216, 225) }
```

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

```
.background{ background-color: rgb(201,  
216, 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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