

Converting Colors

$Yxy(66.4556, 0.2998, 0.3178)$

Have a look what the booklet for
Yxy(66.4556, 0.2998, 0.3178)
contains.

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Color

Yxy(66.4541, 0.2996, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	CDD6E0
RGB	205, 214, 224
RGB Percent	80%, 84%, 88%
CMY	0.1963, 0.1607, 0.1215
CMYK	0.09, 0.04, 0.00, 0.12
HSL	211°, 24%, 84%
HSV	211°, 9%, 88%
XYZ	62.6681, 66.4541, 80.0503
YIQ	212.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

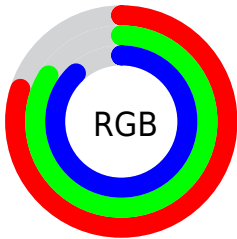
Format	Color
R _Y B	205, 211, 224
Decimal	13489888
CIE Lab	85.23, -1.14, -5.98
CIE LCh	85, 6.086, 259.188
Yxy	66.4541, 0.2996, 0.3177
Android (android.graphics.Color)	4291679968 (0xFFCDD6E0)
YUV	212.4490, 5.6946, -6.5328
Hunter-Lab	81.5194, -5.4369, -1.1580

Details

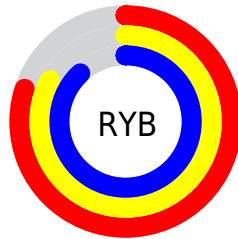
The Yxy color **66.4541, 0.2996, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8243, 0.3263, 0.3400**, and the grayscale version is **66.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2402, 0.2965, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **57.7655, 0.2836, 0.3030**, and if you desaturate by 10%, it is **76.0328, 0.3150, 0.3309**.

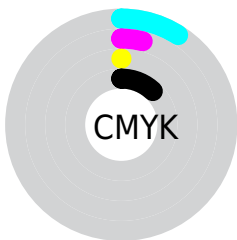
Distribution



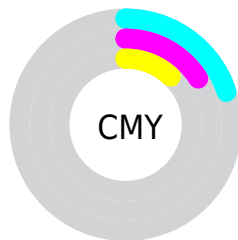
- Red (80%)
- Green (84%)
- Blue (88%)



- Red (80%)
- Yellow (83%)
- Blue (88%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4541, 0.2996, 0.3177 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 66.4541, 0.2996, 0.3177 by changing the saturation by 10% instead.

■ 66.4541, 0.2996,
0.3177

■ 66.4541, 0.2996,
0.3177

447.9991, 0.3058,
0.3230

■ 48.6411, 0.2982,
0.3165

114.1378, 0.3018,
0.3196

■ 34.3349, 0.2964,
0.3149

144.7774, 0.3026,
0.3203

■ 23.1510, 0.2941,
0.3129

180.4613, 0.3033,
0.3209

■ 14.7050, 0.2911,
0.3103

221.5738, 0.3039,
0.3214

■ 8.6126, 0.2870,
0.3067

268.4995, 0.3045,
0.3219

■ 4.4894, 0.2808,
0.3012

321.6227, 0.3049,

■ 1.9509, 0.2709,

0.3223

0.2924

381.3278, 0.3054,
0.3227

0.5787, 0.2427,
0.2690

0.0000, 0.0000,
0.0000

66.4541, 0.2996,
0.3177

66.4541, 0.2996,
0.3177

57.7655, 0.2836,
0.3030

76.0328, 0.3150,
0.3309

49.9304, 0.2671,
0.2867

86.5200, 0.3295,
0.3425

42.9215, 0.2505,
0.2689

94.5445, 0.3316,
0.3537

36.7071, 0.2342,
0.2499

98.1623, 0.3309,
0.3591

■ 31.2527, 0.2187,
0.2298

■ 26.5208, 0.2046,
0.2093

■ 22.4697, 0.1925,
0.1888

■ 19.0519, 0.1827,
0.1689

■ 16.2016, 0.1754,
0.1504

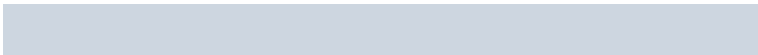
Harmonies

Analogous

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



66.4541, 0.2981, 0.3224



66.4541, 0.2996, 0.3177



66.4541, 0.3046, 0.3161

Triad

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



66.4541, 0.2996, 0.3177



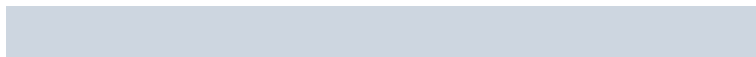
66.4541, 0.3251, 0.3289



66.4541, 0.3135, 0.3405

Complementary

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



66.4541, 0.2996, 0.3177



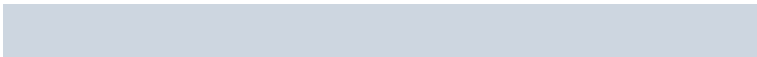
68.8243, 0.3263, 0.3400

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.



66.4541, 0.3208, 0.3422



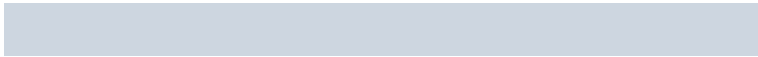
66.4541, 0.2996, 0.3177



66.4541, 0.3276, 0.3354

Square

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



66.4541, 0.2996, 0.3177



66.4541, 0.3193, 0.3225



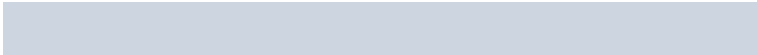
66.4541, 0.3260, 0.3403



66.4541, 0.3061, 0.3356

Rectangle

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



66.4541, 0.2996, 0.3177



66.4541, 0.3093, 0.3169



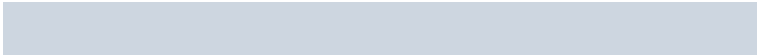
66.4541, 0.3260, 0.3403



66.4541, 0.3161, 0.3415

Sweetspot

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



66.4569, 0.2996, 0.3177



96.0461, 0.3081, 0.3251



71.1840, 0.3054, 0.3394



20.3356, 0.3069, 0.3241



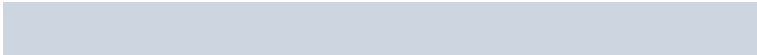
0.0000, 0.0000, 0.0000



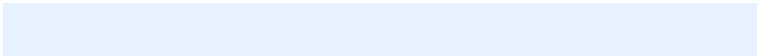
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4569, 0.2996, 0.3177



87.2469, 0.2971, 0.3155



62.0380, 0.2998, 0.3073



14.3138, 0.2981, 0.3164



9.4304, 0.1751, 0.1504



0.8321, 0.1831, 0.1792

Inverse Universe

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



64.3433, 0.3208, 0.3190



83.9645, 0.3224, 0.3171



73.5195, 0.3251, 0.3498



13.8086, 0.3218, 0.3179



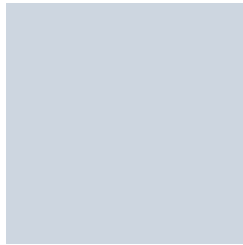
9.8600, 0.5054, 0.2558



0.7015, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 66.4541, 0.2996, 0.3177 looks on a white background.

Color Contrast Check

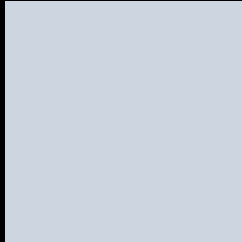
Large Text (above 18pt) WCAG AA × Fail

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 66.4541, 0.2996, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

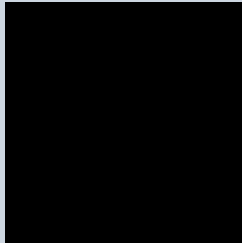
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

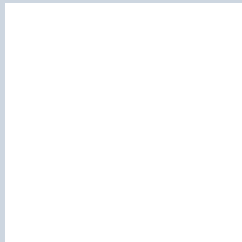
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4541, 0.2996, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 66.4541, 0.2996, 0.3177.

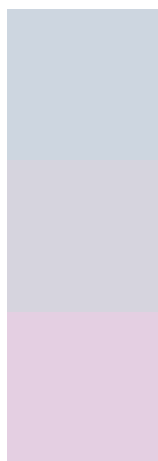


This preview shows how white text looks on a background with the Yxy color 66.4541, 0.2996, 0.3177.

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

66.4541, 0.2996, 0.3177

Protanopia

66.6570, 0.3074, 0.3179

Deuteranopia

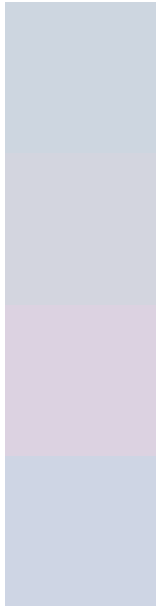
66.6106, 0.3152, 0.3086



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.4541, 0.2996, 0.3177

Protanomaly

66.7651, 0.3046, 0.3178

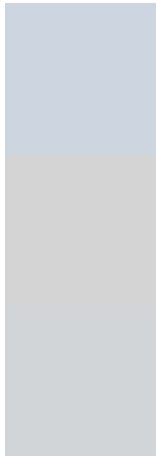
Deuteranomaly

66.7451, 0.3098, 0.3126

Tritanomaly

66.3117, 0.2978, 0.3122

Monochromacy



Original Color

66.4541, 0.2996, 0.3177

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1017, 0.3078, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4541, 0.2996, 0.3177 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(205, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 224)  
}
```

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(205, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.4541, 0.2996, 0.3177 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(205, 214, 224) }
```

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

```
.border{ border-color:rgb(205, 214, 224) }
```

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

Here you see how a box with a 4 pixel rgb(205, 214, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 214,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4541, 0.2996, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 224) }
```

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

```
.background{ background-color: rgb(205,  
214, 224) }
```

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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