

Converting Colors

$Yxy(66.0091, 0.3018, 0.3208)$

Have a look what the booklet for
Yxy(66.0091, 0.3018, 0.3208)
contains.

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Color

Yxy(65.7881, 0.3016, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	CDD5DD
RGB	205, 213, 221
RGB Percent	80%, 84%, 87%
CMY	0.1960, 0.1647, 0.1333
CMYK	0.07, 0.04, 0.00, 0.13
HSL	210°, 19%, 84%
HSV	210°, 7%, 87%
XYZ	62.0247, 65.7881, 77.8393
YIQ	211.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

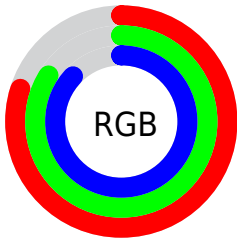
Format	Color
R _Y B	205, 210, 221
Decimal	13489629
CIE Lab	84.89, -1.17, -4.89
CIE LCh	85, 5.025, 256.492
Yxy	65.7881, 0.3016, 0.3199
Android (android.graphics.Color)	4291679709 (0xFFCDD5DD)
YUV	211.5200, 4.6736, -5.7180
Hunter-Lab	81.1099, -5.4434, -0.1224

Details

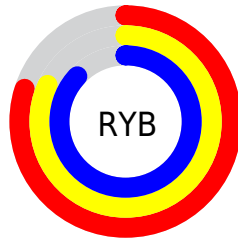
The Yxy color **65.7881, 0.3016, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3778, 0.3242, 0.3379**, and the grayscale version is **65.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7862, 0.2991, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **57.4908, 0.2857, 0.3061**, and if you desaturate by 10%, it is **74.9143, 0.3169, 0.3323**.

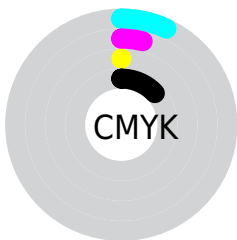
Distribution



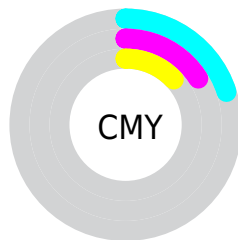
- Red (80%)
- Green (84%)
- Blue (87%)



- Red (80%)
- Yellow (82%)
- Blue (87%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7881, 0.3016, 0.3199 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 65.7881, 0.3016, 0.3199 by changing the saturation by 10% instead.

■ 65.7881, 0.3016,
0.3199

■ 65.7881, 0.3016,
0.3199

445.6187, 0.3068,
0.3242

■ 48.1004, 0.3004,
0.3189

113.1821, 0.3034,
0.3214

■ 33.9064, 0.2989,
0.3176

143.6573, 0.3041,
0.3220

■ 22.8217, 0.2969,
0.3160

179.1637, 0.3047,
0.3225

■ 14.4619, 0.2944,
0.3139

220.0858, 0.3053,
0.3229

■ 8.4426, 0.2908,
0.3109

266.8079, 0.3057,
0.3233

■ 4.3795, 0.2855,
0.3065

319.7145, 0.3061,

■ 1.8880, 0.2769,

0.3236

0.2992

379.1900, 0.3065,
0.3239

0.5412, 0.2481,
0.2764

0.0000, 0.0000,
0.0000

65.7881, 0.3016,
0.3199

65.7881, 0.3016,
0.3199

57.4908, 0.2857,
0.3061

74.9143, 0.3169,
0.3323

49.9882, 0.2694,
0.2908

84.8859, 0.3313,
0.3432

43.2554, 0.2530,
0.2740

92.5028, 0.3339,
0.3538

37.2631, 0.2369,
0.2561

98.0008, 0.3327,
0.3621

■ 31.9796, 0.2216,
0.2371

■ 27.3705, 0.2077,
0.2175

■ 23.3976, 0.1956,
0.1979

■ 20.0171, 0.1858,
0.1787

■ 17.1739, 0.1784,
0.1605

Harmonies

Analogous

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



65.7881, 0.3006, 0.3240



65.7881, 0.3016, 0.3199



65.7881, 0.3055, 0.3183

Triad

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



65.7881, 0.3016, 0.3199



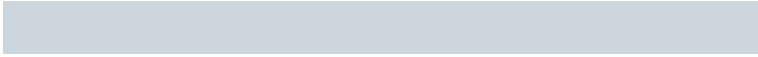
65.7881, 0.3227, 0.3284



65.7881, 0.3140, 0.3388

Complementary

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



65.7881, 0.3016, 0.3199



67.3778, 0.3242, 0.3379

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.



65.7881, 0.3199, 0.3399



65.7881, 0.3016, 0.3199



65.7881, 0.3250, 0.3339

Square

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



65.7881, 0.3016, 0.3199



65.7881, 0.3177, 0.3232



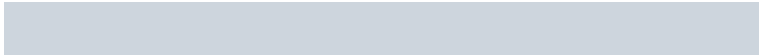
65.7881, 0.3240, 0.3381



65.7881, 0.3077, 0.3349

Rectangle

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



65.7881, 0.3016, 0.3199



65.7881, 0.3093, 0.3188



65.7881, 0.3240, 0.3381



65.7881, 0.3161, 0.3395

Sweetspot

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



65.7909, 0.3016, 0.3199



97.4279, 0.3097, 0.3265



69.5015, 0.3067, 0.3380



20.8806, 0.3098, 0.3267



0.0000, 0.0000, 0.0000



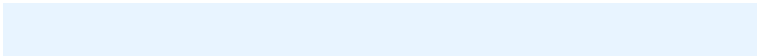
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7909, 0.3016, 0.3199



88.7941, 0.2987, 0.3175



61.8695, 0.3017, 0.3107



13.6865, 0.2982, 0.3170



9.7884, 0.1773, 0.1584



0.8065, 0.1856, 0.1880

Inverse Universe

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



63.8453, 0.3192, 0.3201



85.5036, 0.3210, 0.3178



71.4977, 0.3234, 0.3467



13.1595, 0.3214, 0.3174



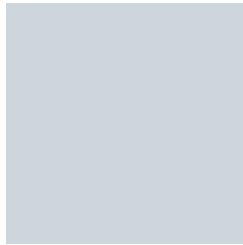
9.6119, 0.4951, 0.2501



0.6401, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 65.7881, 0.3016, 0.3199 looks on a white background.

Color Contrast Check

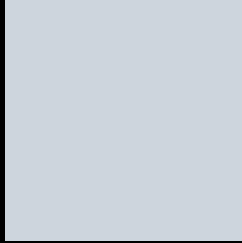
Large Text (above 18pt) WCAG AA × Fail

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 65.7881, 0.3016, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

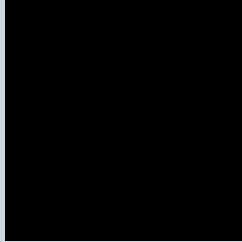
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

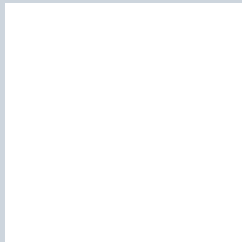
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7881, 0.3016, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 65.7881, 0.3016, 0.3199.

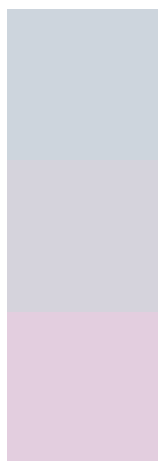


This preview shows how white text looks on a background with the Yxy color 65.7881, 0.3016, 0.3199.

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

65.7881, 0.3016, 0.3199

Protanopia

65.9020, 0.3081, 0.3189

Deuteranopia

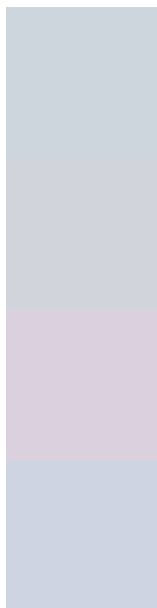
65.8012, 0.3166, 0.3106



Tritanopia

65.8659, 0.2971, 0.3099

Trichromacy



Original Color

65.7881, 0.3016, 0.3199

Protanomaly

65.9559, 0.3059, 0.3200

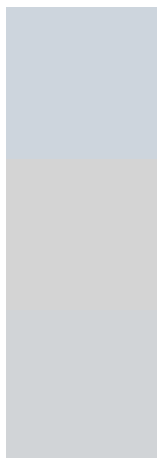
Deuteranomaly

65.9349, 0.3112, 0.3147

Tritanomaly

65.6998, 0.2990, 0.3132

Monochromacy



Original Color

65.7881, 0.3016, 0.3199

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.5486, 0.3085, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7881, 0.3016, 0.3199 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, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 221)  
}
```

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, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 221) }
```

Border

The CSS property to change the border of an element to Yxy 65.7881, 0.3016, 0.3199 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, 213, 221) }
```

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

```
.border{ border-color:rgb(205, 213, 221) }
```

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

Here you see how a box with a 4 pixel rgb(205, 213, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7881, 0.3016, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 221) }
```

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

```
.background{ background-color: rgb(205,  
213, 221) }
```

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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