

Converting Colors

$Yxy(65.8767, 0.3017, 0.3221)$

Have a look what the booklet for
Yxy(65.8767, 0.3017, 0.3221)
contains.

Yxy(66.0978, 0.3015, 0.3222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.0978, 0.3015, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	CCD6DC
RGB	204, 214, 220
RGB Percent	80%, 84%, 86%
CMY	0.2003, 0.1607, 0.1373
CMYK	0.07, 0.03, 0.00, 0.14
HSL	202°, 19%, 83%
HSV	202°, 7%, 86%
XYZ	61.8513, 66.0978, 77.1962
YIQ	211.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

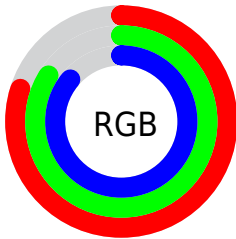
Format	Color
R_YB	204, 210, 220
Decimal	13424348
CIE Lab	85.05, -2.26, -4.12
CIE LCh	85, 4.698, 241.255
Yxy	66.0978, 0.3015, 0.3222
Android (android.graphics.Color)	4291614428 (0xFFCCD6DC)
YUV	211.6940, 4.0949, -6.7476
Hunter-Lab	81.3006, -6.4779, 0.6136

Details

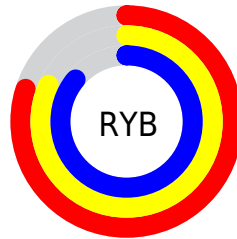
The Yxy color **66.0978, 0.3015, 0.3222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6105, 0.3245, 0.3357**, and the grayscale version is **65.5957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9969, 0.2990, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **59.1779, 0.2859, 0.3120**, and if you desaturate by 10%, it is **73.6696, 0.3168, 0.3314**.

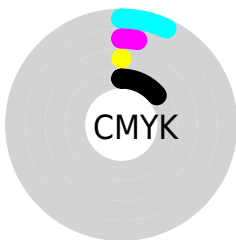
Distribution



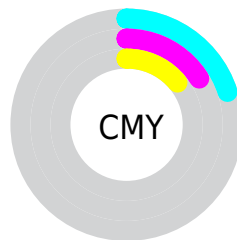
- Red (80%)
- Green (84%)
- Blue (86%)



- Red (80%)
- Yellow (82%)
- Blue (86%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0978, 0.3015, 0.3222 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 66.0978, 0.3015, 0.3222 by changing the saturation by 10% instead.

■ 66.0978, 0.3015,
0.3222

■ 66.0978, 0.3015,
0.3222

446.7266, 0.3068,
0.3254

■ 48.3518, 0.3003,
0.3214

113.6267, 0.3033,
0.3233

■ 34.1056, 0.2988,
0.3205

144.1784, 0.3041,
0.3238

■ 22.9747, 0.2968,
0.3193

179.7674, 0.3047,
0.3241

■ 14.5748, 0.2942,
0.3177

220.7782, 0.3052,
0.3245

■ 8.5215, 0.2906,
0.3154

267.5951, 0.3057,
0.3248

■ 4.4304, 0.2854,
0.3120

320.6025, 0.3061,

■ 1.9171, 0.2768,

0.3250

0.3064

380.1849, 0.3064,
0.3252

0.5587, 0.2464,
0.2893

0.0000, 0.0000,
0.0000

66.0978, 0.3015,
0.3222

66.0978, 0.3015,
0.3222

59.1779, 0.2859,
0.3120

73.6696, 0.3168,
0.3314

52.8802, 0.2703,
0.3008

81.9051, 0.3317,
0.3396

47.1848, 0.2550,
0.2886

87.8837, 0.3356,
0.3474

42.0675, 0.2405,
0.2756

92.7623, 0.3345,
0.3553

■ 37.5019, 0.2269,
0.2618

■ 97.8597, 0.3334,
0.3630

■ 33.4591, 0.2149,
0.2476

■ 97.9465, 0.3334,
0.3631

■ 29.9068, 0.2048,
0.2332

■ 26.8074, 0.1967,
0.2188

■ 24.1120, 0.1906,
0.2048

Harmonies

Analogous

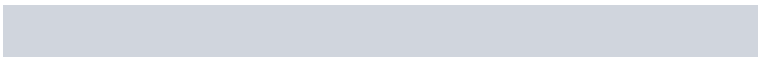
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0978, 0.3021, 0.3268



66.0978, 0.3015, 0.3222



66.0978, 0.3038, 0.3194

Triad

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



66.0978, 0.3015, 0.3222



66.0978, 0.3199, 0.3259



66.0978, 0.3168, 0.3390

Complementary

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



66.0978, 0.3015, 0.3222



65.6105, 0.3245, 0.3357

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.



66.0978, 0.3216, 0.3386



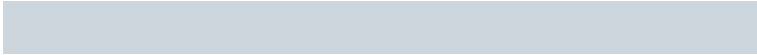
66.0978, 0.3015, 0.3222



66.0978, 0.3234, 0.3310

Square

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



66.0978, 0.3015, 0.3222



66.0978, 0.3144, 0.3216



66.0978, 0.3241, 0.3357



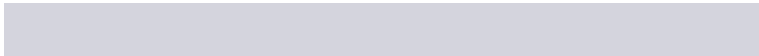
66.0978, 0.3109, 0.3366

Rectangle

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



66.0978, 0.3015, 0.3222



66.0978, 0.3068, 0.3190



66.0978, 0.3241, 0.3357



66.0978, 0.3186, 0.3392

Sweetspot

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



66.1006, 0.3015, 0.3222



97.8433, 0.3096, 0.3272



68.6503, 0.3080, 0.3406



20.9652, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



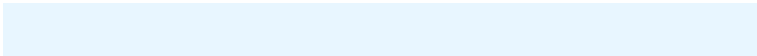
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1006, 0.3015, 0.3222



90.5874, 0.2987, 0.3205



62.1735, 0.3015, 0.3130



13.9746, 0.2982, 0.3201



13.9739, 0.1898, 0.2032



1.0682, 0.1961, 0.2260

Inverse Universe

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



63.2244, 0.3178, 0.3178



85.6847, 0.3191, 0.3150



69.6316, 0.3237, 0.3445



13.1886, 0.3194, 0.3144



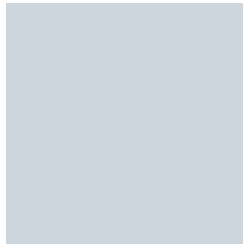
10.0344, 0.4417, 0.2207



0.6665, 0.4169, 0.2070

Previews

White Background



This preview shows how the Yxy color 66.0978, 0.3015, 0.3222 looks on a white background.

Color Contrast Check

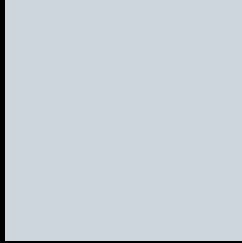
Large Text (above 18pt) WCAG AA × Fail

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 66.0978, 0.3015, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

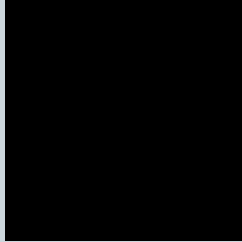
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

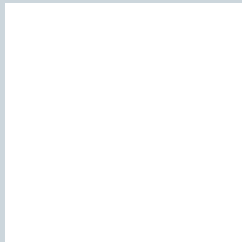
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0978, 0.3015, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 66.0978, 0.3015, 0.3222.



This preview shows how white text looks on a background with the Yxy color 66.0978, 0.3015, 0.3222.

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

66.0978, 0.3015, 0.3222

Protanopia

65.9466, 0.3101, 0.3212

Deuteranopia

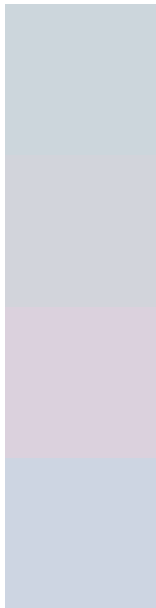
65.9105, 0.3181, 0.3117



Tritanopia

66.3675, 0.2971, 0.3111

Trichromacy



Original Color

66.0978, 0.3015, 0.3222

Protanomaly

65.9031, 0.3065, 0.3211

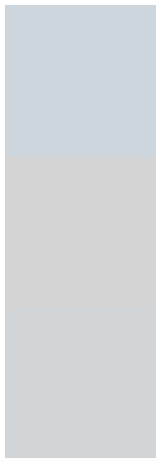
Deuteranomaly

65.8815, 0.3119, 0.3158

Tritanomaly

66.0586, 0.2983, 0.3143

Monochromacy



Original Color

66.0978, 0.3015, 0.3222

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0501, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0978, 0.3015, 0.3222 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(204, 214, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 220)  
}
```

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(204, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 220) }
```

Border

The CSS property to change the border of an element to Yxy 66.0978, 0.3015, 0.3222 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(204, 214, 220) }
```

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

```
.border{ border-color:rgb(204, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0978, 0.3015, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 220) }
```

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

```
.background{ background-color: rgb(204,  
214, 220) }
```

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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