

Converting Colors

Yxy(65.9139, 0.3020, 0.3187)

Have a look what the booklet for
Yxy(65.9139, 0.3020, 0.3187)
contains.

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Color

Yxy(65.9842, 0.3017, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	CED5DE
RGB	206, 213, 222
RGB Percent	81%, 84%, 87%
CMY	0.1919, 0.1648, 0.1294
CMYK	0.07, 0.04, 0.00, 0.13
HSL	214°, 19%, 84%
HSV	214°, 7%, 87%
XYZ	62.4449, 65.9842, 78.5477
YIQ	211.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

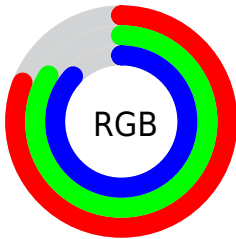
Format	Color
R _Y B	206, 211, 222
Decimal	13555166
CIE Lab	84.99, -0.63, -5.25
CIE LCh	85, 5.291, 263.183
Yxy	65.9842, 0.3017, 0.3188
Android (android.graphics.Color)	4291745246 (0xFFCED5DE)
YUV	211.9330, 4.9630, -5.2032
Hunter-Lab	81.2307, -4.9344, -0.4702

Details

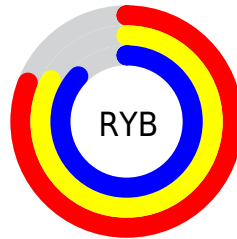
The Yxy color **65.9842, 0.3017, 0.3188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6257, 0.3240, 0.3390**, and the grayscale version is **65.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9191, 0.2991, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **56.9580, 0.2857, 0.3031**, and if you desaturate by 10%, it is **75.9535, 0.3169, 0.3328**.

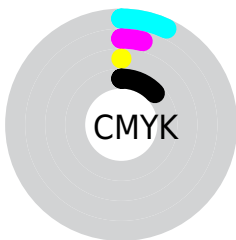
Distribution



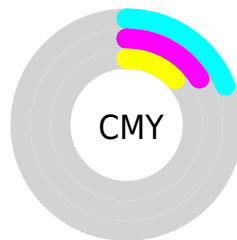
- Red (81%)
- Green (84%)
- Blue (87%)



- Red (81%)
- Yellow (83%)
- Blue (87%)



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



- Cyan (19%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9842, 0.3017, 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 65.9842, 0.3017, 0.3188 by changing the saturation by 10% instead.

■ 65.9842, 0.3017,
0.3188

■ 65.9842, 0.3017,
0.3188

446.3204, 0.3069,
0.3236

■ 48.2596, 0.3005,
0.3177

113.4637, 0.3035,
0.3205

■ 34.0325, 0.2990,
0.3163

143.9873, 0.3042,
0.3211

■ 22.9186, 0.2971,
0.3145

179.5460, 0.3048,
0.3217

■ 14.5334, 0.2945,
0.3121

220.5243, 0.3053,
0.3222

■ 8.4926, 0.2910,
0.3088

267.3065, 0.3058,
0.3226

■ 4.4117, 0.2858,
0.3039

320.2769, 0.3062,

■ 1.9064, 0.2773,

0.3230

0.2959

379.8201, 0.3066,
0.3233

0.5522, 0.2510,
0.2720

0.0000, 0.0000,
0.0000

65.9842, 0.3017,
0.3188

65.9842, 0.3017,
0.3188

56.9580, 0.2857,
0.3031

75.9535, 0.3169,
0.3328

48.8368, 0.2690,
0.2857

86.8858, 0.3312,
0.3451

41.5921, 0.2520,
0.2667

95.3055, 0.3327,
0.3570

35.1903, 0.2352,
0.2462

98.0537, 0.3322,
0.3611

■ 29.5956, 0.2190,
0.2246

■ 24.7690, 0.2041,
0.2025

■ 20.6675, 0.1911,
0.1805

■ 17.2421, 0.1806,
0.1594

■ 14.4322, 0.1727,
0.1398

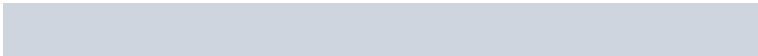
Harmonies

Analogous

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



65.9842, 0.2999, 0.3226



65.9842, 0.3017, 0.3188



65.9842, 0.3064, 0.3178

Triad

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



65.9842, 0.3017, 0.3188



65.9842, 0.3240, 0.3297



65.9842, 0.3125, 0.3386

Complementary

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



65.9842, 0.3017, 0.3188



68.6257, 0.3240, 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.



65.9842, 0.3190, 0.3405



65.9842, 0.3017, 0.3188



65.9842, 0.3257, 0.3353

Square

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



65.9842, 0.3017, 0.3188



65.9842, 0.3193, 0.3240



65.9842, 0.3238, 0.3392



65.9842, 0.3061, 0.3341

Rectangle

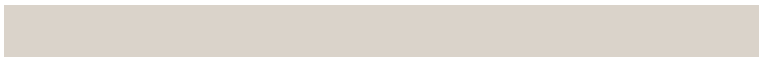
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9842, 0.3017, 0.3188



65.9842, 0.3106, 0.3188



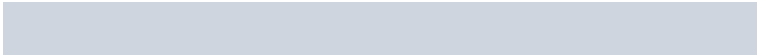
65.9842, 0.3238, 0.3392



65.9842, 0.3148, 0.3396

Sweetspot

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



65.9870, 0.3017, 0.3188



97.2194, 0.3097, 0.3262



70.2683, 0.3062, 0.3371



20.8382, 0.3098, 0.3264



0.0000, 0.0000, 0.0000



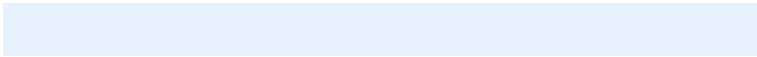
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9870, 0.3017, 0.3188



87.9025, 0.2987, 0.3160



62.6928, 0.3023, 0.3109



14.2183, 0.2981, 0.3154



8.3658, 0.1715, 0.1373



0.7555, 0.1798, 0.1673

Inverse Universe

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



64.5060, 0.3199, 0.3214



85.4136, 0.3220, 0.3193



72.1026, 0.3227, 0.3465



13.7990, 0.3224, 0.3189



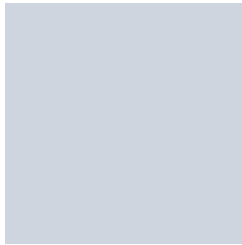
9.7526, 0.5227, 0.2653



0.6937, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 65.9842, 0.3017, 0.3188 looks on a white background.

Color Contrast Check

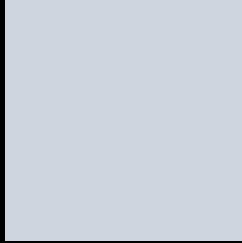
Large Text (above 18pt) WCAG AA × Fail

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 65.9842, 0.3017, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

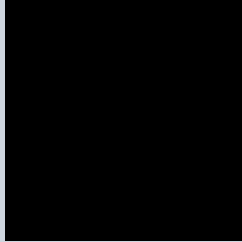
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

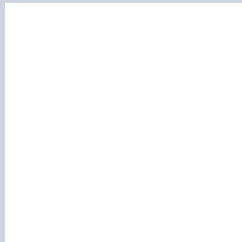
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9842, 0.3017, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 65.9842, 0.3017, 0.3188.

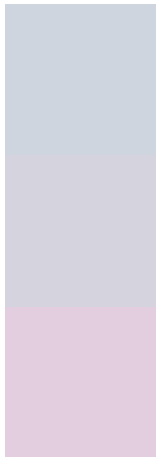


This preview shows how white text looks on a background with the Yxy color 65.9842, 0.3017, 0.3188.

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

65.9842, 0.3017, 0.3188

Protanopia

65.9551, 0.3074, 0.3178

Deuteranopia

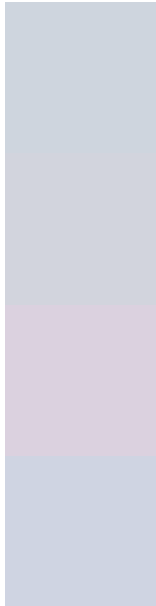
65.8012, 0.3166, 0.3106



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

65.9842, 0.3017, 0.3188

Protanomaly

66.0091, 0.3052, 0.3189

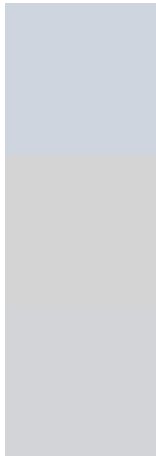
Deuteranomaly

65.9887, 0.3105, 0.3136

Tritanomaly

65.8434, 0.2997, 0.3133

Monochromacy



Original Color

65.9842, 0.3017, 0.3188

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7465, 0.3085, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9842, 0.3017, 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(206, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 222)  
}
```

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(206, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.9842, 0.3017, 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(206, 213, 222) }
```

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

```
.border{ border-color:rgb(206, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9842, 0.3017, 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(206, 213, 222) }
```

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

```
.background{ background-color: rgb(206,  
213, 222) }
```

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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