

Converting Colors

$Yxy(65.1298, 0.2987, 0.3218)$

Have a look what the booklet for
Yxy(65.1298, 0.2987, 0.3218)
contains.

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Color

Yxy(65.0352, 0.2987, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	C8D5DC
RGB	200, 213, 220
RGB Percent	78%, 84%, 86%
CMY	0.2157, 0.1647, 0.1371
CMYK	0.09, 0.03, 0.00, 0.14
HSL	201°, 22%, 82%
HSV	201°, 9%, 86%
XYZ	60.5360, 65.0352, 77.0938
YIQ	209.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

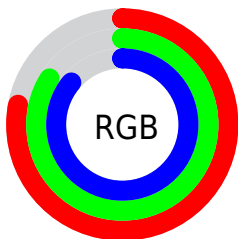
Format	Color
RYB	200, 208, 220
Decimal	13161948
CIELab	84.50, -3.01, -4.98
CIElCh	85, 5.816, 238.879
Yxy	65.0352, 0.2987, 0.3209
Android (android.graphics.Color)	4291352028 (0xFFC8D5DC)
YUV	209.9110, 4.9739, -8.6919
Hunter-Lab	80.6444, -7.1360, -0.2285

Details

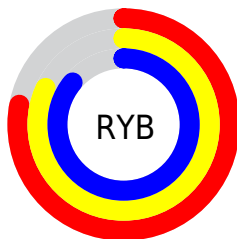
The Yxy color **65.0352, 0.2987, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0349, 0.3277, 0.3370**, and the grayscale version is **64.3621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2813, 0.2953, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **58.4285, 0.2832, 0.3111**, and if you desaturate by 10%, it is **72.2685, 0.3141, 0.3298**.

Distribution



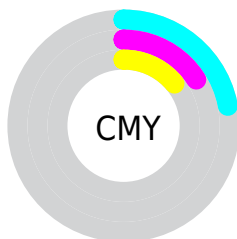
- Red (78%)
- Green (84%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0352, 0.2987, 0.3209 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 65.0352, 0.2987, 0.3209 by changing the saturation by 10% instead.

■ 65.0352, 0.2987,
0.3209

■ 65.0352, 0.2987,
0.3209

442.9185, 0.3053,
0.3248

■ 47.4896, 0.2972,
0.3200

112.1005, 0.3010,
0.3223

■ 33.4229, 0.2953,
0.3189

142.3889, 0.3019,
0.3228

■ 22.4506, 0.2928,
0.3174

177.6938, 0.3027,
0.3232

■ 14.1884, 0.2896,
0.3154

218.3995, 0.3033,
0.3236

■ 8.2518, 0.2851,
0.3127

264.8905, 0.3039,
0.3240

■ 4.2565, 0.2784,
0.3086

317.5510, 0.3044,

■ 1.8180, 0.2675,

0.3243

0.3017

376.7655, 0.3049,
0.3245

0.4984, 0.2237,
0.2785

0.0000, 0.0000,
0.0000

65.0352, 0.2987,
0.3209

65.0352, 0.2987,
0.3209

58.4285, 0.2832,
0.3111

72.2685, 0.3141,
0.3298

52.4191, 0.2677,
0.3003

80.1402, 0.3291,
0.3377

46.9874, 0.2527,
0.2887

86.5223, 0.3359,
0.3451

42.1091, 0.2385,
0.2763

91.0723, 0.3348,
0.3526

■ 37.7580, 0.2255,
0.2633

■ 95.8172, 0.3338,
0.3599

■ 33.9053, 0.2141,
0.2498

■ 97.9490, 0.3333,
0.3631

■ 30.5182, 0.2046,
0.2362

■ 27.5587, 0.1972,
0.2227

■ 24.9676, 0.1917,
0.2095

Harmonies

Analogous

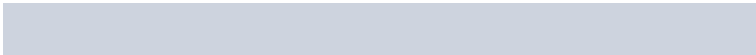
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.0352, 0.2998, 0.3268



65.0352, 0.2987, 0.3209



65.0352, 0.3013, 0.3173

Triad

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



65.0352, 0.2987, 0.3209



65.0352, 0.3212, 0.3246



65.0352, 0.3184, 0.3416

Complementary

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



65.0352, 0.2987, 0.3209



64.0349, 0.3277, 0.3370

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.



65.0352, 0.3242, 0.3408



65.0352, 0.2987, 0.3209



65.0352, 0.3258, 0.3310

Square

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



65.0352, 0.2987, 0.3209



65.0352, 0.3142, 0.3195



65.0352, 0.3269, 0.3369



65.0352, 0.3111, 0.3388

Rectangle

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



65.0352, 0.2987, 0.3209



65.0352, 0.3048, 0.3166



65.0352, 0.3269, 0.3369



65.0352, 0.3206, 0.3417

Sweetspot

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



65.0379, 0.2987, 0.3209



96.8760, 0.3081, 0.3264



67.9891, 0.3071, 0.3440



20.5597, 0.3068, 0.3257



0.0000, 0.0000, 0.0000



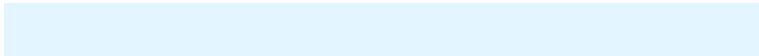
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0379, 0.2987, 0.3209



88.9390, 0.2956, 0.3190



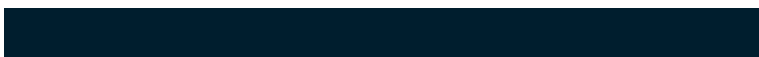
60.1658, 0.2986, 0.3093



14.0200, 0.2982, 0.3206



14.7351, 0.1918, 0.2104



1.1141, 0.1978, 0.2319

Inverse Universe

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



61.3361, 0.3189, 0.3145



82.7726, 0.3203, 0.3112



69.0312, 0.3265, 0.3480



13.1931, 0.3191, 0.3139



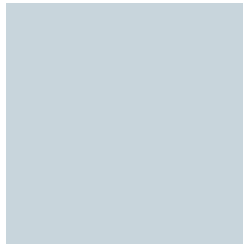
10.1113, 0.4337, 0.2163



0.6712, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 65.0352, 0.2987, 0.3209 looks on a white background.

Color Contrast Check

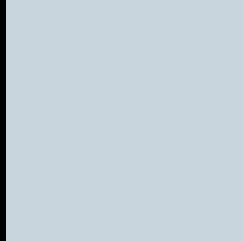
Large Text (above 18pt) WCAG AA × Fail

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 65.0352, 0.2987, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

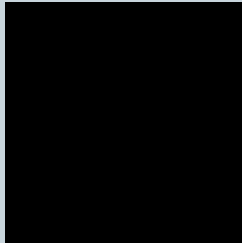
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

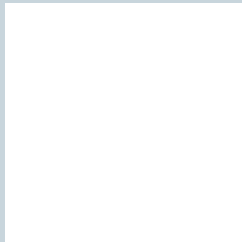
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0352, 0.2987, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 65.0352, 0.2987, 0.3209.



This preview shows how white text looks on a background with the Yxy color 65.0352, 0.2987, 0.3209.

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

65.0352, 0.2987, 0.3209

Protanopia

64.6599, 0.3087, 0.3189

Deuteranopia

64.6284, 0.3167, 0.3094



Tritanopia

65.1059, 0.2943, 0.3108

Trichromacy



Original Color

65.0352, 0.2987, 0.3209

Protanomaly

64.6176, 0.3051, 0.3188

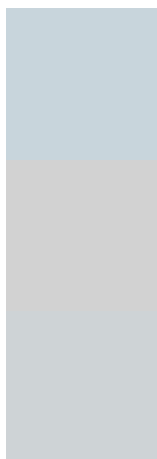
Deuteranomaly

64.5978, 0.3105, 0.3135

Tritanomaly

64.9407, 0.2962, 0.3142

Monochromacy



Original Color

65.0352, 0.2987, 0.3209

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5654, 0.3070, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0352, 0.2987, 0.3209 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(200, 213, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 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(200, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.0352, 0.2987, 0.3209 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(200, 213, 220) }
```

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

```
.border{ border-color:rgb(200, 213, 220) }
```

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

Here you see how a box with a 4 pixel rgb(200, 213, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0352, 0.2987, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 220) }
```

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

```
.background{ background-color: rgb(200,  
213, 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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