

Converting Colors

$Y_{xy}(65.1932, 0.3018, 0.3135)$

Have a look what the booklet for
Yxy(65.1932, 0.3018, 0.3135)
contains.

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Color

Yxy(65.3802, 0.3018, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3E0
RGB	208, 211, 224
RGB Percent	82%, 83%, 88%
CMY	0.1843, 0.1725, 0.1217
CMYK	0.07, 0.06, 0.00, 0.12
HSL	229°, 20%, 85%
HSV	229°, 7%, 88%
XYZ	62.7600, 65.3802, 79.8121
YIQ	211.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

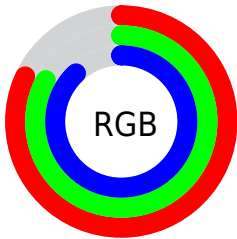
Format	Color
RYB	208, 211, 224
Decimal	13685728
CIELab	84.68, 1.43, -6.74
CIELCh	85, 6.895, 282.004
Yxy	65.3802, 0.3018, 0.3144
Android (android.graphics.Color)	4291875808 (0xFFD0D3E0)
YUV	211.5850, 6.1206, -3.1440
Hunter-Lab	80.8580, -2.9542, -1.9224

Details

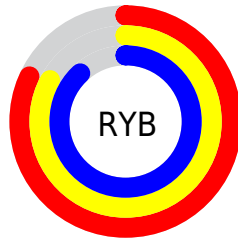
The Yxy color **65.3802, 0.3018, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0988, 0.3235, 0.3432**, and the grayscale version is **65.5118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8485, 0.2993, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **53.8269, 0.2852, 0.2916**, and if you desaturate by 10%, it is **78.4209, 0.3169, 0.3345**.

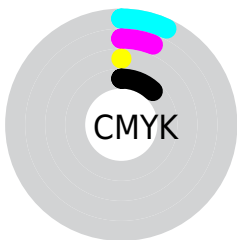
Distribution



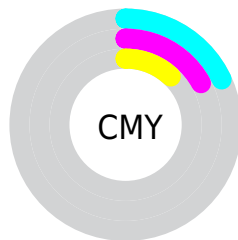
- Red (82%)
- Green (83%)
- Blue (88%)



- Red (82%)
- Yellow (83%)
- Blue (88%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3802, 0.3018, 0.3144 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 65.3802, 0.3018, 0.3144 by changing the saturation by 10% instead.

■ 65.3802, 0.3018,
0.3144

■ 65.3802, 0.3018,
0.3144

444.1570, 0.3070,
0.3213

■ 47.7694, 0.3006,
0.3128

112.5963, 0.3036,
0.3168

■ 33.6443, 0.2991,
0.3108

142.9704, 0.3043,
0.3177

■ 22.6205, 0.2972,
0.3083

178.3678, 0.3049,
0.3185

■ 14.3135, 0.2946,
0.3049

219.1728, 0.3054,
0.3192

■ 8.3391, 0.2911,
0.3003

265.7698, 0.3059,
0.3198

■ 4.3127, 0.2858,
0.2934

318.5432, 0.3063,

■ 1.8500, 0.2771,

0.3204

0.2823

377.8775, 0.3066,
0.3208

0.5180, 0.2532,
0.2487

0.0000, 0.0000,
0.0000

65.3802, 0.3018,
0.3144

65.3802, 0.3018,
0.3144

53.8269, 0.2852,
0.2916

78.4209, 0.3169,
0.3345

43.6995, 0.2671,
0.2662

92.9910, 0.3304,
0.3521

34.9447, 0.2480,
0.2383

98.1603, 0.3310,
0.3592

27.5023, 0.2283,
0.2086

■ 21.3078, 0.2090,
0.1782

■ 16.2909, 0.1911,
0.1484

■ 12.3742, 0.1757,
0.1210

■ 9.4703, 0.1639,
0.0978

■ 7.4744, 0.1562,
0.0802

Harmonies

Analogous

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



65.3802, 0.2970, 0.3171



65.3802, 0.3018, 0.3144



65.3802, 0.3096, 0.3155

Triad

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



65.3802, 0.3018, 0.3144



65.3802, 0.3294, 0.3346



65.3802, 0.3071, 0.3382

Complementary

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



65.3802, 0.3018, 0.3144



72.0988, 0.3235, 0.3432

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.



65.3802, 0.3157, 0.3430



65.3802, 0.3018, 0.3144



65.3802, 0.3287, 0.3408

Square

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



65.3802, 0.3018, 0.3144



65.3802, 0.3256, 0.3271



65.3802, 0.3236, 0.3439



65.3802, 0.3000, 0.3308

Rectangle

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



65.3802, 0.3018, 0.3144



65.3802, 0.3154, 0.3183



65.3802, 0.3236, 0.3439



65.3802, 0.3099, 0.3401

Sweetspot

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



65.3830, 0.3018, 0.3144



96.4304, 0.3097, 0.3250



71.9166, 0.3037, 0.3325



20.6775, 0.3099, 0.3252



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.



65.3830, 0.3018, 0.3144



84.5798, 0.2987, 0.3102



64.6137, 0.3053, 0.3112



13.6572, 0.2981, 0.3094



4.2207, 0.1551, 0.0781



0.4144, 0.1625, 0.1050

Inverse Universe

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



65.6635, 0.3227, 0.3257



85.0782, 0.3257, 0.3248



72.9396, 0.3198, 0.3466



13.7423, 0.3263, 0.3246



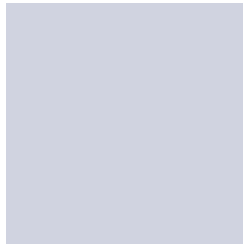
9.3341, 0.6100, 0.3134



0.6593, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 65.3802, 0.3018, 0.3144 looks on a white background.

Color Contrast Check

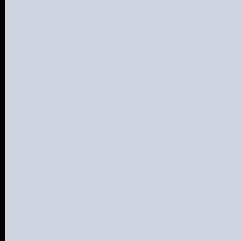
Large Text (above 18pt) WCAG AA × Fail

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 65.3802, 0.3018, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

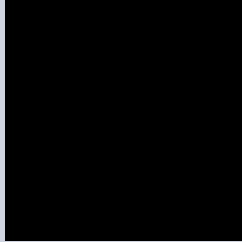
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

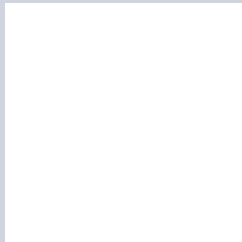
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3802, 0.3018, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 65.3802, 0.3018, 0.3144.

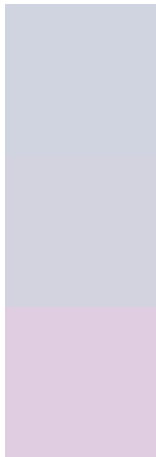


This preview shows how white text looks on a background with the Yxy color 65.3802, 0.3018, 0.3144.

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

65.3802, 0.3018, 0.3144

Protanopia

65.2698, 0.3046, 0.3144

Deuteranopia

65.1064, 0.3137, 0.3073



Tritanopia

65.1945, 0.3005, 0.3100

Trichromacy



Original Color

65.3802, 0.3018, 0.3144

Protanomaly

65.1225, 0.3039, 0.3144

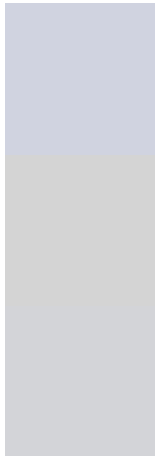
Deuteranomaly

65.1220, 0.3092, 0.3092

Tritanomaly

65.1395, 0.3012, 0.3111

Monochromacy



Original Color

65.3802, 0.3018, 0.3144

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8937, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3802, 0.3018, 0.3144 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(208, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 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(208, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 65.3802, 0.3018, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

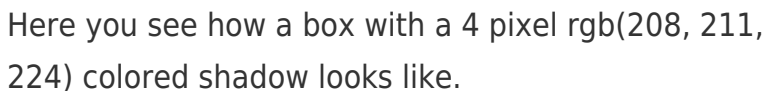
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 211, 224) }
```

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

```
.border{ border-color:rgb(208, 211, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3802, 0.3018, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 224) }
```

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

```
.background{ background-color: rgb(208,  
211, 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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