

Converting Colors

Yxy(63.2856, 0.2975, 0.3140)

Have a look what the booklet for
Yxy(63.2856, 0.2975, 0.3140)
contains.

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Color

Yxy(63.1542, 0.2974, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	C8D1DE
RGB	200, 209, 222
RGB Percent	78%, 82%, 87%
CMY	0.2155, 0.1804, 0.1293
CMYK	0.10, 0.06, 0.00, 0.13
HSL	216°, 25%, 83%
HSV	216°, 10%, 87%
XYZ	59.8155, 63.1542, 78.1584
YIQ	207.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

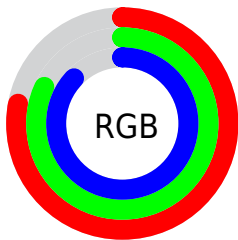
Format	Color
R _Y B	200, 206, 222
Decimal	13160926
CIE Lab	83.52, -0.50, -7.48
CIE LCh	84, 7.500, 266.158
Yxy	63.1542, 0.2974, 0.3140
Android (android.graphics.Color)	4291351006 (0xFFC8D1DE)
YUV	207.7910, 7.0050, -6.8327
Hunter-Lab	79.4696, -4.7178, -2.6830

Details

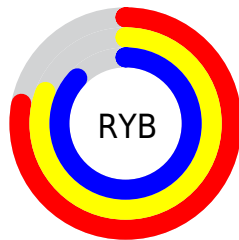
The Yxy color **63.1542, 0.2974, 0.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3321, 0.3285, 0.3436**, and the grayscale version is **62.8988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3437, 0.2935, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **54.1225, 0.2811, 0.2970**, and if you desaturate by 10%, it is **73.1690, 0.3129, 0.3291**.

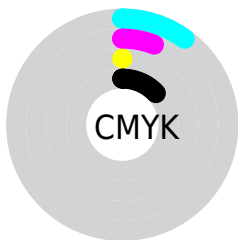
Distribution



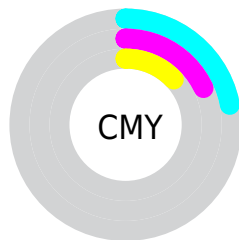
- Red (78%)
- Green (82%)
- Blue (87%)



- Red (78%)
- Yellow (81%)
- Blue (87%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1542, 0.2974, 0.3140 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 63.1542, 0.2974, 0.3140 by changing the saturation by 10% instead.

■ 63.1542, 0.2974,
0.3140

■ 63.1542, 0.2974,
0.3140

436.1289, 0.3047,
0.3211

■ 45.9660, 0.2957,
0.3123

109.3919, 0.3000,
0.3165

■ 32.2190, 0.2936,
0.3102

139.2102, 0.3009,
0.3175

■ 21.5288, 0.2909,
0.3076

174.0074, 0.3018,
0.3183

■ 13.5111, 0.2872,
0.3040

214.1677, 0.3025,
0.3190

■ 7.7814, 0.2822,
0.2990

260.0756, 0.3031,
0.3196

■ 3.9554, 0.2746,
0.2915

312.1155, 0.3037,

■ 1.6486, 0.2622,

0.3202

0.2791

370.6718, 0.3042,
0.3207

0.3901, 0.2113,
0.2299

0.0000, 0.0000,
0.0000

63.1542, 0.2974,
0.3140

63.1542, 0.2974,
0.3140

54.1225, 0.2811,
0.2970

73.1690, 0.3129,
0.3291

46.0341, 0.2641,
0.2783

84.1892, 0.3273,
0.3425

38.8578, 0.2469,
0.2578

93.9690, 0.3330,
0.3550

32.5576, 0.2298,
0.2359

98.0551, 0.3321,
0.3611

■ 27.0949, 0.2136,
0.2131

■ 22.4275, 0.1987,
0.1899

■ 18.5085, 0.1860,
0.1672

■ 15.2846, 0.1760,
0.1458

■ 12.6741, 0.1685,
0.1264

Harmonies

Analogous

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



63.1542, 0.2944, 0.3190



63.1542, 0.2974, 0.3140



63.1542, 0.3044, 0.3130

Triad

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



63.1542, 0.2974, 0.3140



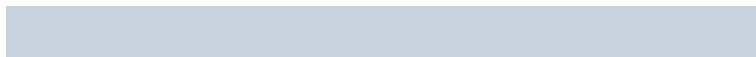
63.1542, 0.3294, 0.3308



63.1542, 0.3114, 0.3424

Complementary

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



63.1542, 0.2974, 0.3140



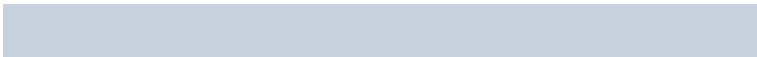
67.3321, 0.3285, 0.3436

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.



63.1542, 0.3209, 0.3455



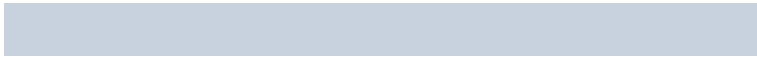
63.1542, 0.2974, 0.3140



63.1542, 0.3314, 0.3386

Square

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



63.1542, 0.2974, 0.3140



63.1542, 0.3230, 0.3226



63.1542, 0.3282, 0.3441



63.1542, 0.3025, 0.3355

Rectangle

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



63.1542, 0.2974, 0.3140



63.1542, 0.3106, 0.3147



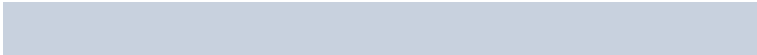
63.1542, 0.3282, 0.3441



63.1542, 0.3147, 0.3439

Sweetspot

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



63.1569, 0.2974, 0.3140



95.7177, 0.3081, 0.3246



69.3366, 0.3033, 0.3394



20.2471, 0.3069, 0.3234



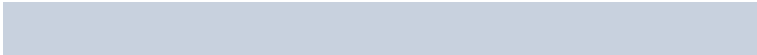
0.0000, 0.0000, 0.0000



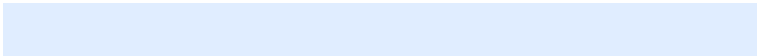
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1569, 0.2974, 0.3140



83.6158, 0.2939, 0.3104



59.1442, 0.2987, 0.3036



14.1548, 0.2981, 0.3147



7.7179, 0.1692, 0.1290



0.7076, 0.1777, 0.1595

Inverse Universe

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



61.4656, 0.3234, 0.3190



80.8925, 0.3260, 0.3167



71.6712, 0.3261, 0.3534



13.7926, 0.3228, 0.3195



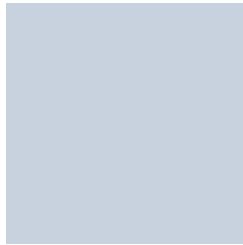
9.6872, 0.5341, 0.2716



0.6889, 0.4937, 0.2493

Previews

White Background



This preview shows how the Yxy color 63.1542, 0.2974, 0.3140 looks on a white background.

Color Contrast Check

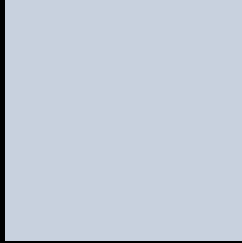
Large Text (above 18pt) WCAG AA × Fail

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 63.1542, 0.2974, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

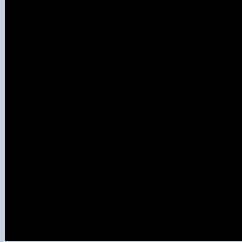
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

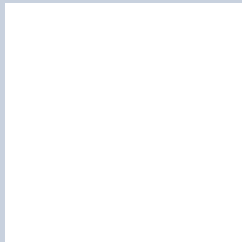
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1542, 0.2974, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 63.1542, 0.2974, 0.3140.

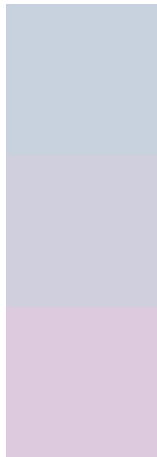


This preview shows how white text looks on a background with the Yxy color 63.1542, 0.2974, 0.3140.

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

63.1542, 0.2974, 0.3140

Protanopia

63.2560, 0.3038, 0.3131

Deuteranopia

62.9409, 0.3123, 0.3059



Tritanopia

63.4547, 0.2961, 0.3107

Trichromacy



Original Color

63.1542, 0.2974, 0.3140

Protanomaly

63.3113, 0.3016, 0.3142

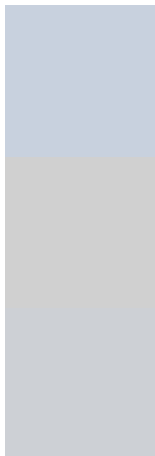
Deuteranomaly

63.1365, 0.3062, 0.3088

Tritanomaly

63.4003, 0.2968, 0.3118

Monochromacy



Original Color

63.1542, 0.2974, 0.3140

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8950, 0.3070, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1542, 0.2974, 0.3140 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, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 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(200, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.1542, 0.2974, 0.3140 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, 209, 222) }
```

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

```
.border{ border-color:rgb(200, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1542, 0.2974, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 222) }
```

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

```
.background{ background-color: rgb(200,  
209, 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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