

Converting Colors

Yxy(64.0133, 0.2924, 0.3100)

Have a look what the booklet for
Yxy(64.0133, 0.2924, 0.3100)
contains.

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Color

Yxy(64.1403, 0.2928, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	C6D3E3
RGB	198, 211, 227
RGB Percent	78%, 83%, 89%
CMY	0.2235, 0.1725, 0.1099
CMYK	0.13, 0.07, 0.00, 0.11
HSL	213°, 34%, 83%
HSV	213°, 13%, 89%
XYZ	60.4451, 64.1403, 81.8527
YIQ	208.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

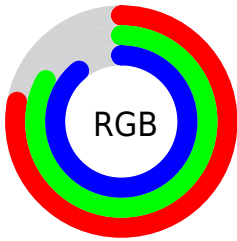
Format	Color
R _Y B	198, 207, 227
Decimal	13030371
CIE Lab	84.04, -1.23, -9.37
CIE LCh	84, 9.452, 262.550
Yxy	64.1403, 0.2928, 0.3107
Android (android.graphics.Color)	4291220451 (0xFFC6D3E3)
YUV	208.9370, 8.9051, -9.5917
Hunter-Lab	80.0876, -5.4329, -4.5353

Details

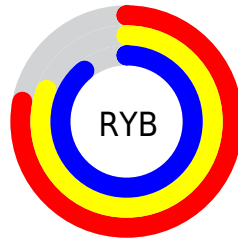
The Yxy color **64.1403, 0.2928, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4835, 0.3336, 0.3466**, and the grayscale version is **63.6651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0218, 0.2876, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **55.3102, 0.2764, 0.2945**, and if you desaturate by 10%, it is **73.9217, 0.3085, 0.3253**.

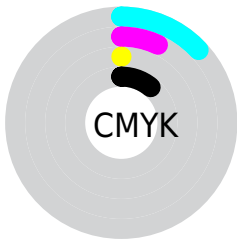
Distribution



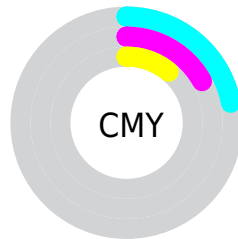
- Red (78%)
- Green (83%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1403, 0.2928, 0.3107 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 64.1403, 0.2928, 0.3107 by changing the saturation by 10% instead.

■ 64.1403, 0.2928,
0.3107

■ 64.1403, 0.2928,
0.3107

439.6961, 0.3022,
0.3194

■ 46.7643, 0.2906,
0.3087

110.8130, 0.2961,
0.3137

■ 32.8494, 0.2879,
0.3061

140.8784, 0.2974,
0.3149

■ 22.0111, 0.2844,
0.3029

175.9425, 0.2985,
0.3159

■ 13.8650, 0.2798,
0.2986

216.3896, 0.2994,
0.3168

■ 8.0269, 0.2734,
0.2926

262.6042, 0.3002,
0.3176

■ 4.1121, 0.2639,
0.2836

314.9705, 0.3010,

■ 1.7365, 0.2485,

0.3182

0.2690

373.8730, 0.3016,
0.3188

0.4471, 0.1980,
0.2241

0.0000, 0.0000,
0.0000

64.1403, 0.2928,
0.3107

64.1403, 0.2928,
0.3107

55.3102, 0.2764,
0.2945

73.9217, 0.3085,
0.3253

47.3918, 0.2596,
0.2766

84.6762, 0.3234,
0.3382

40.3546, 0.2428,
0.2572

94.2700, 0.3299,
0.3501

34.1629, 0.2264,
0.2366

98.3250, 0.3292,
0.3562

■ 28.7780, 0.2111,
0.2152

■ 24.1576, 0.1974,
0.1935

■ 20.2543, 0.1859,
0.1724

■ 17.0130, 0.1769,
0.1523

■ 15.0255, 0.1719,
0.1389

Harmonies

Analogous

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



64.1403, 0.2898, 0.3174



64.1403, 0.2928, 0.3107



64.1403, 0.3011, 0.3089

Triad

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



64.1403, 0.2928, 0.3107



64.1403, 0.3330, 0.3299



64.1403, 0.3125, 0.3466

Complementary

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



64.1403, 0.2928, 0.3107



68.4835, 0.3336, 0.3466

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.



64.1403, 0.3242, 0.3498



64.1403, 0.2928, 0.3107



64.1403, 0.3362, 0.3399

Square

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



64.1403, 0.2928, 0.3107



64.1403, 0.3243, 0.3199



64.1403, 0.3329, 0.3473



64.1403, 0.3011, 0.3383

Rectangle

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



64.1403, 0.2928, 0.3107



64.1403, 0.3086, 0.3106



64.1403, 0.3329, 0.3473



64.1403, 0.3166, 0.3483

Sweetspot

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



64.1430, 0.2928, 0.3107



94.5821, 0.3066, 0.3235



71.7851, 0.3012, 0.3438



20.0313, 0.3054, 0.3225



0.0000, 0.0000, 0.0000



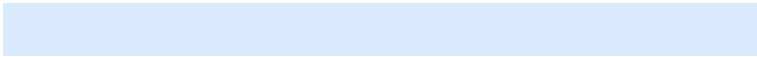
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1430, 0.2928, 0.3107



80.7333, 0.2890, 0.3071



58.1358, 0.2935, 0.2956



14.9471, 0.2981, 0.3157



8.9901, 0.1727, 0.1416



0.8476, 0.1805, 0.1696

Inverse Universe

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



61.4187, 0.3260, 0.3147



76.6928, 0.3288, 0.3120



75.0980, 0.3307, 0.3606



14.4750, 0.3222, 0.3185



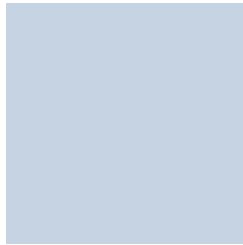
10.1053, 0.5170, 0.2622



0.7652, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 64.1403, 0.2928, 0.3107 looks on a white background.

Color Contrast Check

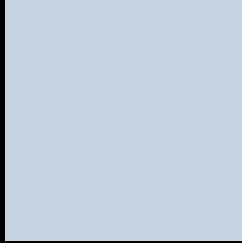
Large Text (above 18pt) WCAG AA × Fail

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 64.1403, 0.2928, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

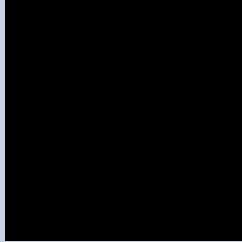
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

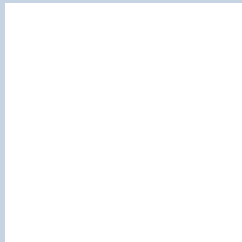
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1403, 0.2928, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 64.1403, 0.2928, 0.3107.



This preview shows how white text looks on a background with the Yxy color 64.1403, 0.2928, 0.3107.

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

64.1403, 0.2928, 0.3107

Protanopia

63.9579, 0.3011, 0.3098

Deuteranopia

64.1593, 0.3087, 0.3028



Tritanopia

64.1957, 0.2922, 0.3096

Trichromacy



Original Color

64.1403, 0.2928, 0.3107

Protanomaly

63.9293, 0.2976, 0.3097

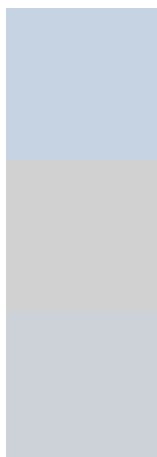
Deuteranomaly

64.3732, 0.3027, 0.3057

Tritanomaly

64.1957, 0.2922, 0.3096

Monochromacy



Original Color

64.1403, 0.2928, 0.3107

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0302, 0.3050, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1403, 0.2928, 0.3107 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(198, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 227)  
}
```

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(198, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 227) }
```

Border

The CSS property to change the border of an element to Yxy 64.1403, 0.2928, 0.3107 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(198, 211, 227) }
```

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

```
.border{ border-color:rgb(198, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1403, 0.2928, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 227) }
```

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

```
.background{ background-color: rgb(198,  
211, 227) }
```

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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