

Converting Colors

$Yxy(62.6758, 0.2945, 0.3081)$

Have a look what the booklet for
Yxy(62.6758, 0.2945, 0.3081)
contains.

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Color

Yxy(62.8821, 0.2948, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0E2
RGB	200, 208, 226
RGB Percent	78%, 82%, 89%
CMY	0.2155, 0.1843, 0.1138
CMYK	0.11, 0.08, 0.00, 0.11
HSL	222°, 31%, 84%
HSV	222°, 11%, 89%
XYZ	60.1091, 62.8821, 80.9067
YIQ	207.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

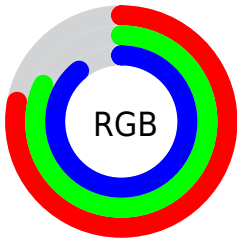
Format	Color
R _Y B	200, 206, 226
Decimal	13160674
CIE Lab	83.38, 0.81, -9.80
CIE LCh	83, 9.838, 274.748
Yxy	62.8821, 0.2948, 0.3084
Android (android.graphics.Color)	4291350754 (0xFFC8D0E2)
YUV	207.6600, 9.0416, -6.7178
Hunter-Lab	79.2982, -3.4666, -4.9838

Details

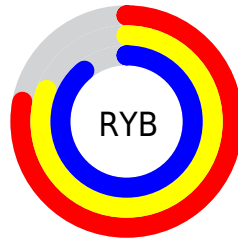
The Yxy color **62.8821, 0.2948, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4972, 0.3308, 0.3488**, and the grayscale version is **62.7954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1625, 0.2901, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **52.7310, 0.2780, 0.2881**, and if you desaturate by 10%, it is **74.2534, 0.3105, 0.3265**.

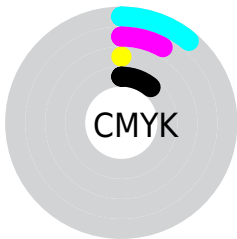
Distribution



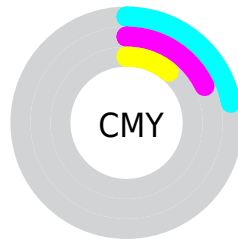
- Red (78%)
- Green (82%)
- Blue (89%)



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



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8821, 0.2948, 0.3084 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 62.8821, 0.2948, 0.3084 by changing the saturation by 10% instead.

■ 62.8821, 0.2948,
0.3084

■ 62.8821, 0.2948,
0.3084

435.1415, 0.3033,
0.3181

■ 45.7458, 0.2928,
0.3061

108.9994, 0.2978,
0.3118

■ 32.0453, 0.2903,
0.3033

138.7492, 0.2989,
0.3131

■ 21.3961, 0.2871,
0.2996

173.4724, 0.2999,
0.3143

■ 13.4138, 0.2829,
0.2948

213.5532, 0.3008,
0.3153

■ 7.7141, 0.2770,
0.2881

259.3761, 0.3015,
0.3161

■ 3.9126, 0.2681,
0.2781

311.3256, 0.3022,

■ 1.6248, 0.2536,

0.3169

0.2618

369.7859, 0.3028,
0.3175

0.3742, 0.2032,
0.2024

0.0000, 0.0000,
0.0000

62.8821, 0.2948,
0.3084

62.8821, 0.2948,
0.3084

52.7310, 0.2780,
0.2881

74.2534, 0.3105,
0.3265

43.7504, 0.2602,
0.2656

86.8769, 0.3250,
0.3425

35.8986, 0.2419,
0.2411

98.2700, 0.3298,
0.3572

29.1280, 0.2237,
0.2152

■ 23.3877, 0.2063,
0.1885

■ 18.6222, 0.1905,
0.1621

■ 14.7697, 0.1772,
0.1372

■ 11.7600, 0.1671,
0.1151

■ 9.7791, 0.1609,
0.0991

Harmonies

Analogous

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



62.8821, 0.2893, 0.3135



62.8821, 0.2948, 0.3084



62.8821, 0.3052, 0.3088

Triad

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



62.8821, 0.2948, 0.3084



62.8821, 0.3361, 0.3344



62.8821, 0.3074, 0.3444

Complementary

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



62.8821, 0.2948, 0.3084



70.4972, 0.3308, 0.3488

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.



62.8821, 0.3200, 0.3502



62.8821, 0.2948, 0.3084



62.8821, 0.3367, 0.3441

Square

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



62.8821, 0.2948, 0.3084



62.8821, 0.3291, 0.3236



62.8821, 0.3307, 0.3500



62.8821, 0.2964, 0.3343

Rectangle

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



62.8821, 0.2948, 0.3084



62.8821, 0.3135, 0.3119



62.8821, 0.3307, 0.3500



62.8821, 0.3116, 0.3470

Sweetspot

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



62.8847, 0.2948, 0.3084



95.2396, 0.3082, 0.3239



71.7181, 0.3002, 0.3383



20.1183, 0.3069, 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.



62.8847, 0.2948, 0.3084



79.0554, 0.2905, 0.3033



59.7700, 0.2981, 0.2994



13.9251, 0.2981, 0.3123



5.7645, 0.1616, 0.1019



0.5546, 0.1702, 0.1326

Inverse Universe

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



62.0489, 0.3272, 0.3202



77.8065, 0.3311, 0.3181



73.9627, 0.3264, 0.3575



13.7694, 0.3244, 0.3218



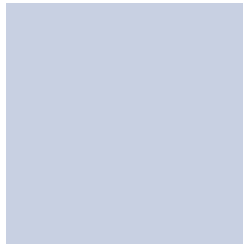
9.4900, 0.5731, 0.2931



0.6734, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 62.8821, 0.2948, 0.3084 looks on a white background.

Color Contrast Check

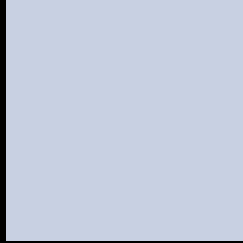
Large Text (above 18pt) WCAG AA × Fail

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 62.8821, 0.2948, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

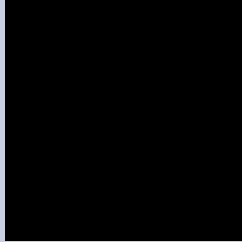
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8821, 0.2948, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 62.8821, 0.2948, 0.3084.

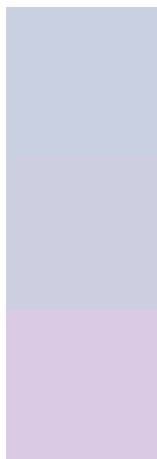


This preview shows how white text looks on a background with the Yxy color 62.8821, 0.2948, 0.3084.

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

62.8821, 0.2948, 0.3084

Protanopia

62.7007, 0.2997, 0.3075

Deuteranopia

62.8472, 0.3080, 0.3015



Tritanopia

62.8274, 0.2954, 0.3095

Trichromacy



Original Color

62.8821, 0.2948, 0.3084

Protanomaly

62.8993, 0.2982, 0.3085

Deuteranomaly

62.7288, 0.3027, 0.3033

Tritanomaly

62.8274, 0.2954, 0.3095

Monochromacy



Original Color

62.8821, 0.2948, 0.3084

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9972, 0.3057, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8821, 0.2948, 0.3084 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, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 226)  
}
```

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, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.8821, 0.2948, 0.3084 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, 208, 226) }
```

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

```
.border{ border-color:rgb(200, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8821, 0.2948, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 226) }
```

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

```
.background{ background-color: rgb(200,  
208, 226) }
```

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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