

Converting Colors

Yxy(62.4477, 0.3036, 0.3243)

Have a look what the booklet for
Yxy(62.4477, 0.3036, 0.3243)
contains.

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Color

Yxy(62.6844, 0.3034, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C8D1D5
RGB	200, 209, 213
RGB Percent	78%, 82%, 84%
CMY	0.2154, 0.1805, 0.1647
CMYK	0.06, 0.02, 0.00, 0.16
HSL	199°, 13%, 81%
HSV	199°, 6%, 84%
XYZ	58.6446, 62.6844, 71.9624
YIQ	206.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

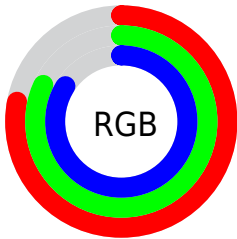
Format	Color
R _Y B	200, 205, 213
Decimal	13160917
CIE Lab	83.28, -2.25, -3.05
CIE LCh	83, 3.788, 233.549
Yxy	62.6844, 0.3034, 0.3243
Android (android.graphics.Color)	4291350997 (0xFFC8D1D5)
YUV	206.7650, 3.0739, -5.9329
Hunter-Lab	79.1735, -6.3368, 1.5315

Details

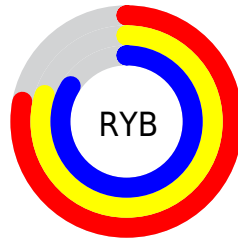
The Yxy color **62.6844, 0.3034, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5510, 0.3225, 0.3337**, and the grayscale version is **62.2290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0223, 0.3013, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **56.7717, 0.2880, 0.3159**, and if you desaturate by 10%, it is **69.1461, 0.3187, 0.3319**.

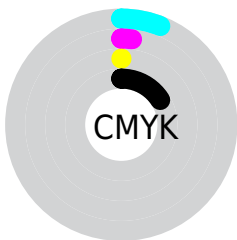
Distribution



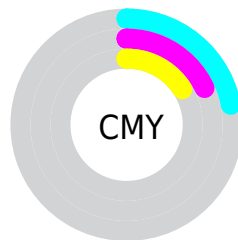
- Red (78%)
- Green (82%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6844, 0.3034, 0.3243 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 62.6844, 0.3034, 0.3243 by changing the saturation by 10% instead.

■ 62.6844, 0.3034,
0.3243

■ 62.6844, 0.3034,
0.3243

434.4232, 0.3078,
0.3266

■ 45.5859, 0.3024,
0.3238

108.7141, 0.3050,
0.3251

■ 31.9192, 0.3011,
0.3231

138.4141, 0.3056,
0.3254

■ 21.2998, 0.2994,
0.3222

173.0834, 0.3061,
0.3257

■ 13.3433, 0.2972,
0.3211

213.1064, 0.3065,
0.3259

■ 7.6654, 0.2940,
0.3194

258.8675, 0.3069,
0.3261

■ 3.8816, 0.2894,
0.3169

310.7510, 0.3072,

■ 1.6075, 0.2815,

0.3263

0.3126

369.1415, 0.3076,
0.3264

0.3627, 0.2299,
0.2878

0.0000, 0.0000,
0.0000

62.6844, 0.3034,
0.3243

62.6844, 0.3034,
0.3243

56.7717, 0.2880,
0.3159

69.1461, 0.3187,
0.3319

51.3818, 0.2727,
0.3067

76.1664, 0.3337,
0.3387

46.4975, 0.2579,
0.2967

82.0224, 0.3417,
0.3450

42.0980, 0.2439,
0.2860

85.7549, 0.3406,
0.3515

■ 38.1605, 0.2310,
0.2748

■ 89.6286, 0.3395,
0.3579

■ 34.6597, 0.2197,
0.2631

■ 93.6452, 0.3385,
0.3642

■ 31.5677, 0.2102,
0.2513

■ 97.5844, 0.3376,
0.3701

■ 28.8519, 0.2027,
0.2394

■ 26.4723, 0.1972,
0.2277

Harmonies

Analogous

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



62.6844, 0.3046, 0.3284



62.6844, 0.3034, 0.3243



62.6844, 0.3047, 0.3216

Triad

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



62.6844, 0.3034, 0.3243



62.6844, 0.3176, 0.3254



62.6844, 0.3172, 0.3373

Complementary

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



62.6844, 0.3034, 0.3243



61.5510, 0.3225, 0.3337

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.



62.6844, 0.3208, 0.3365



62.6844, 0.3034, 0.3243



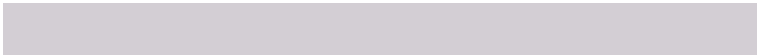
62.6844, 0.3210, 0.3296

Square

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



62.6844, 0.3034, 0.3243



62.6844, 0.3129, 0.3222



62.6844, 0.3221, 0.3336



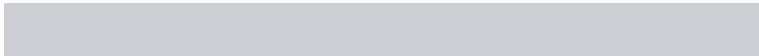
62.6844, 0.3125, 0.3359

Rectangle

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



62.6844, 0.3034, 0.3243



62.6844, 0.3068, 0.3208



62.6844, 0.3221, 0.3336



62.6844, 0.3186, 0.3373

Sweetspot

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



62.6871, 0.3034, 0.3243



98.0379, 0.3096, 0.3275



64.2383, 0.3094, 0.3396



21.0048, 0.3098, 0.3275



0.0000, 0.0000, 0.0000



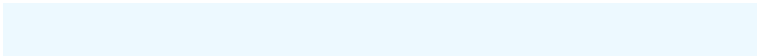
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6871, 0.3034, 0.3243



93.2801, 0.3019, 0.3235



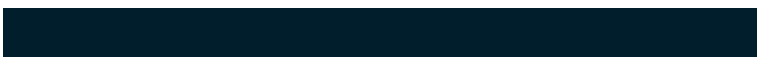
59.6447, 0.3035, 0.3169



13.6786, 0.3011, 0.3231



15.8269, 0.1958, 0.2248



1.0990, 0.2014, 0.2450

Inverse Universe

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



60.0918, 0.3163, 0.3188



88.7829, 0.3170, 0.3171



64.6212, 0.3219, 0.3408



12.9756, 0.3172, 0.3163



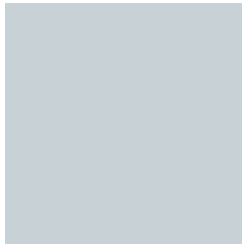
9.9426, 0.4181, 0.2077



0.6143, 0.3973, 0.1962

Previews

White Background



This preview shows how the Yxy color 62.6844, 0.3034, 0.3243 looks on a white background.

Color Contrast Check

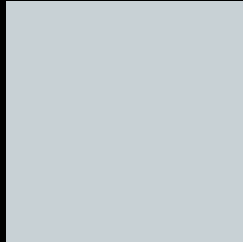
Large Text (above 18pt) WCAG AA × Fail

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 62.6844, 0.3034, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

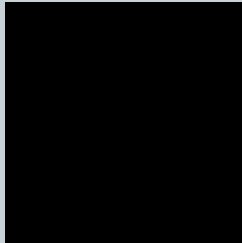
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

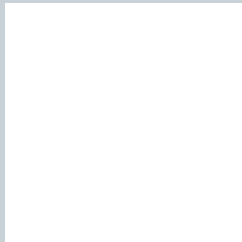
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6844, 0.3034, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 62.6844, 0.3034, 0.3243.

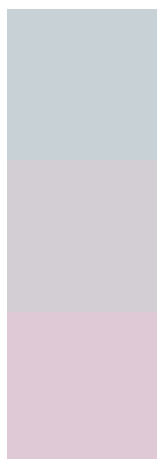


This preview shows how white text looks on a background with the Yxy color 62.6844, 0.3034, 0.3243.

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

62.6844, 0.3034, 0.3243

Protanopia

62.5474, 0.3122, 0.3233

Deuteranopia

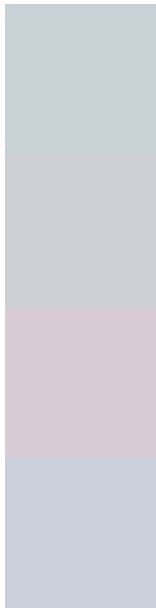
62.5269, 0.3204, 0.3136



Tritanopia

62.5640, 0.2975, 0.3095

Trichromacy



Original Color

62.6844, 0.3034, 0.3243

Protanomaly

62.5009, 0.3085, 0.3232

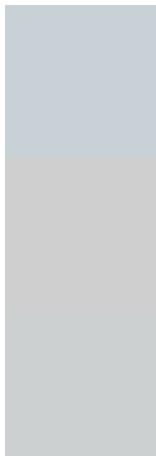
Deuteranomaly

62.4878, 0.3140, 0.3177

Tritanomaly

62.6966, 0.2994, 0.3152

Monochromacy



Original Color

62.6844, 0.3034, 0.3243

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5526, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6844, 0.3034, 0.3243 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.6844, 0.3034, 0.3243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

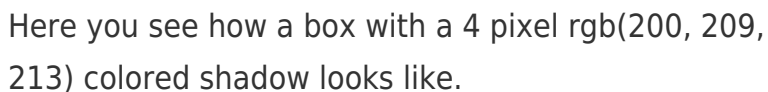
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 209, 213) }
```

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

```
.border{ border-color:rgb(200, 209, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6844, 0.3034, 0.3243 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, 213) }
```

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

```
.background{ background-color: rgb(200,  
209, 213) }
```

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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