

# Converting Colors

Yxy(62.2029, 0.3143, 0.3279)

Have a look what the booklet for  
Yxy(62.2029, 0.3143, 0.3279)  
contains.

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# Color

**Yxy(62.2029, 0.3143, 0.3279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1CECF
RGB	209, 206, 207
RGB Percent	82%, 81%, 81%
CMY	0.1804, 0.1921, 0.1884
CMYK	0.00, 0.01, 0.01, 0.18
HSL	341°, 3%, 81%
HSV	341°, 1%, 82%
XYZ	59.6230, 62.2029, 67.8750
YIQ	207.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

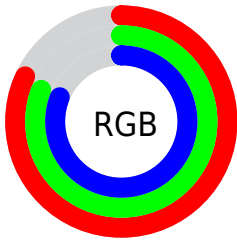
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 206, 207
Decimal	13749967
CIE Lab	83.02, 1.20, -0.12
CIE LCh	83, 1.208, 354.155
Yxy	62.2029, 0.3143, 0.3279
Android (android.graphics.Color)	4291940047 (0xFFD1CECF)
YUV	207.0110, -0.0054, 1.7444
Hunter-Lab	78.8688, -3.0786, 4.1829

# Details

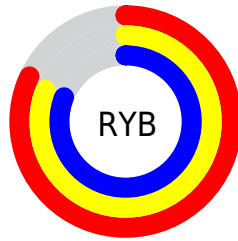
The Yxy color **62.2029, 0.3143, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2756, 0.3112, 0.3301**, and the grayscale version is **62.4032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7249, 0.3148, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **52.1399, 0.3268, 0.3199**, and if you desaturate by 10%, it is **73.6715, 0.3041, 0.3353**.

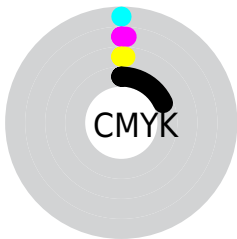
# Distribution



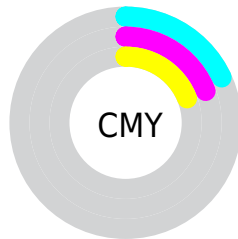
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2029, 0.3143, 0.3279 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 62.2029, 0.3143, 0.3279 by changing the saturation by 10% instead.



■ 62.2029, 0.3143,  
0.3279

■ 62.2029, 0.3143,  
0.3279

432.6708, 0.3136,  
0.3284

■ 45.1967, 0.3145,  
0.3278

108.0187, 0.3140,  
0.3281

■ 31.6124, 0.3147,  
0.3276

137.5971, 0.3139,  
0.3282

■ 21.0656, 0.3150,  
0.3274

172.1350, 0.3138,  
0.3282

■ 13.1720, 0.3154,  
0.3271

212.0168, 0.3138,  
0.3283

■ 7.5471, 0.3159,  
0.3268

257.6269, 0.3137,  
0.3283

■ 3.8065, 0.3167,  
0.3262

309.3496, 0.3136,

■ 1.5659, 0.3181,

0.3284

0.3252

367.5695, 0.3136,  
0.3284

0.3345, 0.3293,  
0.3172

0.0000, 0.0000,  
0.0000

62.2029, 0.3143,  
0.3279

62.2029, 0.3143,  
0.3279

52.1399, 0.3268,  
0.3199

73.6715, 0.3041,  
0.3353

43.4203, 0.3421,  
0.3114

86.5887, 0.2958,  
0.3422

35.9895, 0.3608,  
0.3027

91.9450, 0.2883,  
0.3346

29.7855, 0.3834,  
0.2941

92.2940, 0.2855,  
0.3289

■ 24.7417, 0.4102,  
0.2863

■ 20.7848, 0.4411,  
0.2802

■ 17.8330, 0.4752,  
0.2771

■ 15.7932, 0.5107,  
0.2780

■ 14.5539, 0.5446,  
0.2838

# Harmonies

## Analogous

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



62.2029, 0.3128, 0.3269



62.2029, 0.3143, 0.3279



62.2029, 0.3154, 0.3292

# Triad

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



62.2029, 0.3143, 0.3279



62.2029, 0.3141, 0.3317



62.2029, 0.3097, 0.3275

# Complementary

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



62.2029, 0.3143, 0.3279



63.2756, 0.3112, 0.3301

# 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.



62.2029, 0.3101, 0.3288



62.2029, 0.3143, 0.3279



62.2029, 0.3126, 0.3312

# Square

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



62.2029, 0.3143, 0.3279



62.2029, 0.3153, 0.3314



62.2029, 0.3112, 0.3301



62.2029, 0.3102, 0.3266



# Rectangle

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



62.2029, 0.3143, 0.3279



62.2029, 0.3157, 0.3301



62.2029, 0.3112, 0.3301



62.2029, 0.3098, 0.3279

# Sweetspot

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



62.2056, 0.3143, 0.3279

100.0000, 0.3127, 0.3290



62.1607, 0.3121, 0.3256



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

# Same Dimension

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



62.2056, 0.3143, 0.3279



96.5682, 0.3150, 0.3274



62.3984, 0.3149, 0.3296



13.5512, 0.3148, 0.3276



8.6253, 0.5667, 0.2896



0.4967, 0.5142, 0.2606



# Inverse Universe

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



62.2056, 0.3143, 0.3279



96.5682, 0.3150, 0.3274



63.0796, 0.3105, 0.3284



13.5512, 0.3148, 0.3276



8.6253, 0.5667, 0.2896

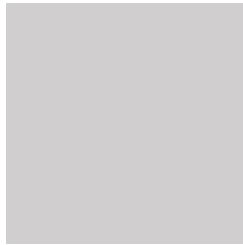


0.4967, 0.5142, 0.2606



# Previews

## White Background



This preview shows how the Yxy color 62.2029, 0.3143, 0.3279 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 62.2029, 0.3143, 0.3279 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

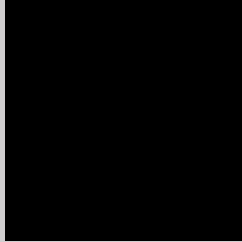
Any Text WCAG AAA ✓ Pass

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

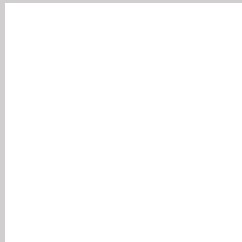


**Yxy 62.2029, 0.3143, 0.3279**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.2029, 0.3143, 0.3279.

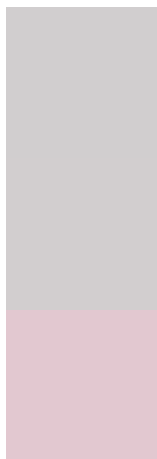


This preview shows how white text looks on a background with the Yxy color 62.2029, 0.3143, 0.3279.

# 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

62.2029, 0.3143, 0.3279

### Protanopia

62.3492, 0.3150, 0.3279

### Deuteranopia

62.0314, 0.3273, 0.3202



## Tritanopia

62.2019, 0.3068, 0.3109

# Trichromacy



## Original Color

62.2029, 0.3143, 0.3279

## Protanomaly

62.3492, 0.3150, 0.3279

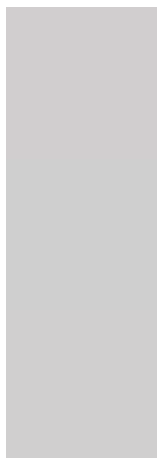
## Deuteranomaly

62.0108, 0.3223, 0.3223

## Tritanomaly

62.2706, 0.3095, 0.3176

# Monochromacy



## Original Color

62.2029, 0.3143, 0.3279

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

62.5405, 0.3135, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.2029, 0.3143, 0.3279 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(209, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 207)  
}
```

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(209, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 62.2029, 0.3143, 0.3279 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(209, 206, 207) }
```

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

```
.border{ border-color:rgb(209, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 206, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 206, 207); box-shadow:4px 4px 4px 4px rgb(209, 206, 207) }
```

# Background

The CSS property to change the background color of an element to Yxy 62.2029, 0.3143, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 207) }
```

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

```
.background{ background-color: rgb(209,  
206, 207) }
```

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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