

# Converting Colors

Yxy(62.4435, 0.3180, 0.3217)

Have a look what the booklet for  
Yxy(62.4435, 0.3180, 0.3217)  
contains.

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# Color

**Yxy(62.5906, 0.3184, 0.3223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9CCD2
RGB	217, 204, 210
RGB Percent	85%, 80%, 82%
CMY	0.1491, 0.1999, 0.1766
CMYK	0.00, 0.06, 0.03, 0.15
HSL	332°, 15%, 83%
HSV	332°, 6%, 85%
XYZ	61.8332, 62.5906, 69.7760
YIQ	208.5710, 5.8220, 4.6220

# Conversions

## Conversions Part 2

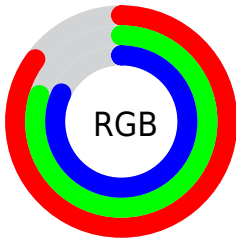
Format	Color
R <sub>Y</sub> B	217, 204, 210
Decimal	14273746
CIE Lab	83.23, 5.54, -1.35
CIE LCh	83, 5.704, 346.315
Yxy	62.5906, 0.3184, 0.3223
Android (android.graphics.Color)	4292463826 (0xFFD9CCD2)
YUV	208.5710, 0.7045, 7.3922
Hunter-Lab	79.1142, 1.0602, 3.0882

# Details

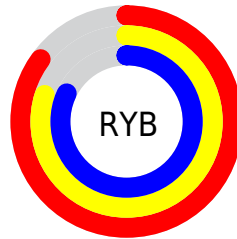
The Yxy color  $62.5906, 0.3184, 0.3223$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $67.1588, 0.3074, 0.3358$ , and the grayscale version is  $63.4580, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $31.8944, 0.3192, 0.3201$  is the 20% darker color. If you saturate the color by 10%, you get  $52.4231, 0.3295, 0.3105$ , and if you desaturate by 10%, it is  $74.2433, 0.3092, 0.3334$ .

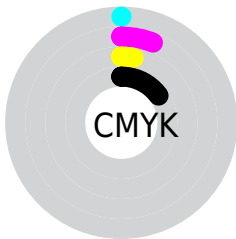
# Distribution



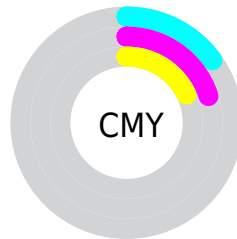
- Red (85%)
- Green (80%)
- Blue (82%)



- Red (85%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5906, 0.3184, 0.3223 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 62.5906, 0.3184, 0.3223 by changing the saturation by 10% instead.



■ 62.5906, 0.3184,  
0.3223

■ 62.5906, 0.3184,  
0.3223

434.0822, 0.3157,  
0.3255

■ 45.5101, 0.3190,  
0.3216

108.5787, 0.3175,  
0.3234

■ 31.8594, 0.3198,  
0.3206

138.2550, 0.3171,  
0.3238

■ 21.2541, 0.3208,  
0.3194

172.8987, 0.3168,  
0.3242

■ 13.3099, 0.3222,  
0.3178

212.8943, 0.3165,  
0.3245

■ 7.6423, 0.3241,  
0.3156

258.6260, 0.3163,  
0.3248

■ 3.8669, 0.3270,  
0.3123

310.4783, 0.3161,

■ 1.5994, 0.3317,

0.3251

368.8355, 0.3159,  
0.3253

0.3067

0.3572, 0.3610,  
0.2716

0.0000, 0.0000,  
0.0000

62.5906, 0.3184,  
0.3223

62.5906, 0.3184,  
0.3223

52.4231, 0.3295,  
0.3105

74.2433, 0.3092,  
0.3334

43.6727, 0.3429,  
0.2983

87.4295, 0.3017,  
0.3436

36.2779, 0.3590,  
0.2859

92.8706, 0.2952,  
0.3390

30.1699, 0.3780,  
0.2740

93.4885, 0.2900,  
0.3289

■ 25.2732, 0.4000,  
0.2635

■ 21.5050, 0.4247,  
0.2555

■ 18.7715, 0.4514,  
0.2512

■ 16.9636, 0.4788,  
0.2519

■ 15.9462, 0.5051,  
0.2580

# Harmonies

## Analogous

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



62.5906, 0.3111, 0.3181



62.5906, 0.3184, 0.3223



62.5906, 0.3242, 0.3283

# Triad

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



62.5906, 0.3184, 0.3223



62.5906, 0.3210, 0.3416



62.5906, 0.2988, 0.3232

# Complementary

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



62.5906, 0.3184, 0.3223



67.1588, 0.3074, 0.3358

# 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.



62.5906, 0.3014, 0.3296



62.5906, 0.3184, 0.3223



62.5906, 0.3142, 0.3403

# Square

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



62.5906, 0.3184, 0.3223



62.5906, 0.3257, 0.3395



62.5906, 0.3070, 0.3359



62.5906, 0.2999, 0.3185



# Rectangle

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



62.5906, 0.3184, 0.3223



62.5906, 0.3264, 0.3326



62.5906, 0.3070, 0.3359



62.5906, 0.2993, 0.3252

# Sweetspot

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



62.5933, 0.3184, 0.3223



96.6128, 0.3146, 0.3268



62.0402, 0.3088, 0.3143



20.7146, 0.3145, 0.3269



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.



62.5933, 0.3184, 0.3223



88.5294, 0.3195, 0.3211



62.5077, 0.3227, 0.3295



13.5943, 0.3200, 0.3205



9.5044, 0.5120, 0.2594



0.6330, 0.4729, 0.2379



# Inverse Universe

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



62.5933, 0.3184, 0.3223



88.5294, 0.3195, 0.3211



67.2407, 0.3035, 0.3285



13.5943, 0.3200, 0.3205



9.5044, 0.5120, 0.2594

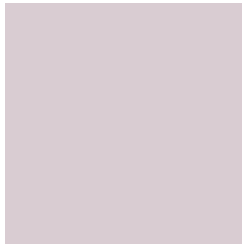


0.6330, 0.4729, 0.2379



# Previews

## White Background



This preview shows how the Yxy color 62.5906, 0.3184, 0.3223 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 62.5906, 0.3184, 0.3223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

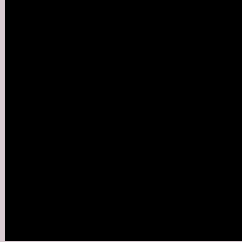
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

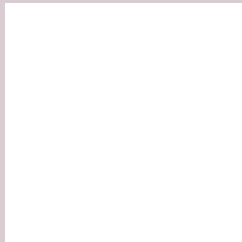
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.5906, 0.3184, 0.3223**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.5906, 0.3184, 0.3223.



This preview shows how white text looks on a background with the Yxy color 62.5906, 0.3184, 0.3223.

# 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

62.5906, 0.3184, 0.3223

### Protanopia

62.5474, 0.3122, 0.3233

### Deuteranopia

62.6452, 0.3249, 0.3180



## Tritanopia

62.7318, 0.3128, 0.3112

# Trichromacy



## Original Color

62.5906, 0.3184, 0.3223

## Protanomaly

62.5119, 0.3146, 0.3222

## Deuteranomaly

62.6322, 0.3225, 0.3190

## Tritanomaly

62.5752, 0.3149, 0.3145

# Monochromacy



## Original Color

62.5906, 0.3184, 0.3223

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

63.2261, 0.3151, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.5906, 0.3184, 0.3223 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(217, 204, 210)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 210)  
}
```

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(217, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 210) }
```

## Border

The CSS property to change the border of an element to Yxy 62.5906, 0.3184, 0.3223 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(217, 204, 210) }
```

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

```
.border{ border-color:rgb(217, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
210) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.5906, 0.3184, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 210) }
```

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

```
.background{ background-color: rgb(217,  
204, 210) }
```

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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