

# Converting Colors

Yxy(64.4642, 0.3187, 0.3281)

Have a look what the booklet for  
Yxy(64.4642, 0.3187, 0.3281)  
contains.

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# Color

**Yxy(64.4669, 0.3188, 0.3279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D0D1
RGB	217, 208, 209
RGB Percent	85%, 82%, 82%
CMY	0.1490, 0.1843, 0.1804
CMYK	0.00, 0.04, 0.04, 0.15
HSL	353°, 11%, 83%
HSV	353°, 4%, 85%
XYZ	62.6778, 64.4669, 69.4607
YIQ	210.8050, 5.0430, 2.2190

# Conversions

## Conversions Part 2

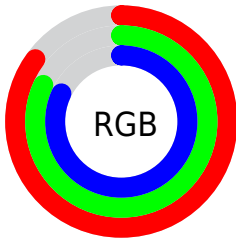
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 208, 209
Decimal	14274769
CIE <sub>Lab</sub>	84.21, 3.27, 0.60
CIE <sub>LCh</sub>	84, 3.329, 10.442
Yxy	64.4669, 0.3188, 0.3279
Android (android.graphics.Color)	4292464849 (0xFFD9D0D1)
YUV	210.8050, -0.8899, 5.4330
Hunter-Lab	80.2913, -1.1673, 4.9116

# Details

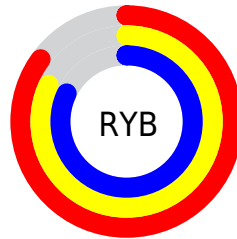
The Yxy color **64.4669, 0.3188, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9910, 0.3069, 0.3301**, and the grayscale version is **65.0104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1591, 0.3198, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **53.7031, 0.3360, 0.3251**, and if you desaturate by 10%, it is **76.7997, 0.3050, 0.3305**.

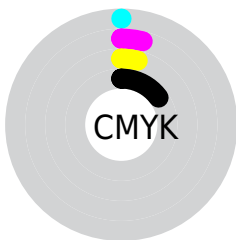
# Distribution



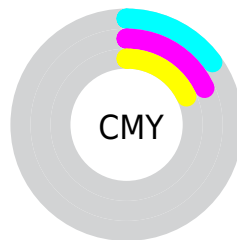
- Red (85%)
- Green (82%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4669, 0.3188, 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 64.4669, 0.3188, 0.3279 by changing the saturation by 10% instead.



■ 64.4669, 0.3188,  
0.3279

■ 64.4669, 0.3188,  
0.3279

440.8738, 0.3159,  
0.3284

■ 47.0289, 0.3195,  
0.3278

111.2831, 0.3178,  
0.3281

■ 33.0585, 0.3203,  
0.3276

141.4301, 0.3174,  
0.3282

■ 22.1713, 0.3214,  
0.3274

176.5822, 0.3171,  
0.3282

■ 13.9828, 0.3228,  
0.3271

217.1239, 0.3168,  
0.3283

■ 8.1087, 0.3249,  
0.3267

263.4395, 0.3165,  
0.3283

■ 4.1646, 0.3279,  
0.3262

315.9134, 0.3163,

■ 1.7661, 0.3330,

0.3284

374.9300, 0.3161,  
0.3284

0.3252

0.4659, 0.3596,  
0.3205

0.0000, 0.0000,  
0.0000

64.4669, 0.3188,  
0.3279

64.4669, 0.3188,  
0.3279

53.7031, 0.3360,  
0.3251

76.7997, 0.3050,  
0.3305

44.4374, 0.3574,  
0.3222

90.7521, 0.2939,  
0.3328

36.6059, 0.3838,  
0.3192

93.4906, 0.2900,  
0.3289

30.1368, 0.4160,  
0.3164

■ 24.9522, 0.4543,  
0.3142

■ 20.9663, 0.4974,  
0.3131

■ 18.0827, 0.5423,  
0.3137

■ 16.1903, 0.5838,  
0.3163

■ 15.1542, 0.6154,  
0.3209

# Harmonies

## Analogous

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



64.4669, 0.3152, 0.3245



64.4669, 0.3188, 0.3279



64.4669, 0.3207, 0.3316

# Triad

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



64.4669, 0.3188, 0.3279



64.4669, 0.3144, 0.3358



64.4669, 0.3050, 0.3234

# Complementary

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



64.4669, 0.3188, 0.3279



67.9910, 0.3069, 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.



64.4669, 0.3048, 0.3264



64.4669, 0.3188, 0.3279



64.4669, 0.3102, 0.3336

# Square

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



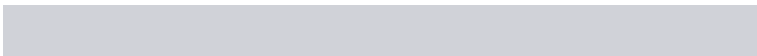
64.4669, 0.3188, 0.3279



64.4669, 0.3182, 0.3362



64.4669, 0.3067, 0.3301



64.4669, 0.3073, 0.3219



# Rectangle

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



64.4669, 0.3188, 0.3279



64.4669, 0.3208, 0.3337



64.4669, 0.3067, 0.3301



64.4669, 0.3047, 0.3242

# Sweetspot

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



64.4697, 0.3188, 0.3279



98.2385, 0.3141, 0.3287



64.7155, 0.3124, 0.3190



21.0457, 0.3141, 0.3288



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.



64.4697, 0.3188, 0.3279



91.4241, 0.3202, 0.3277



66.1186, 0.3192, 0.3329



14.0026, 0.3212, 0.3275



8.9774, 0.6261, 0.3223



0.5896, 0.5933, 0.3042



# Inverse Universe

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



64.4697, 0.3188, 0.3279



91.4241, 0.3202, 0.3277



66.2854, 0.3064, 0.3251



14.0026, 0.3212, 0.3275



8.9774, 0.6261, 0.3223

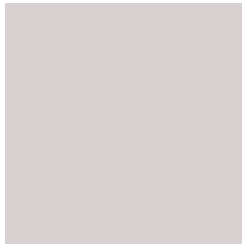


0.5896, 0.5933, 0.3042



# Previews

## White Background



This preview shows how the Yxy color 64.4669, 0.3188, 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 64.4669, 0.3188, 0.3279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

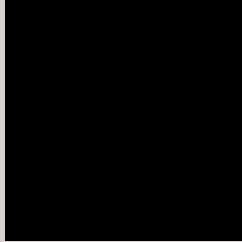
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

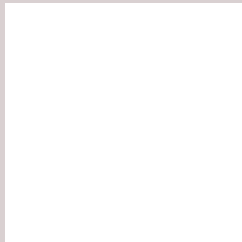
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 64.4669, 0.3188, 0.3279**

## **Background**



This preview shows how black text looks on a background with the Yxy color 64.4669, 0.3188, 0.3279.

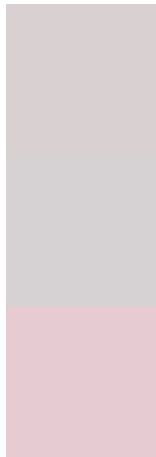


This preview shows how white text looks on a background with the Yxy color 64.4669, 0.3188, 0.3279.

# 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

64.4669, 0.3188, 0.3279

### Protanopia

64.5502, 0.3158, 0.3279

### Deuteranopia

64.1880, 0.3286, 0.3214



## Tritanopia

64.4766, 0.3113, 0.3113

# Trichromacy



## Original Color

64.4669, 0.3188, 0.3279

## Protanomaly

64.7011, 0.3165, 0.3279

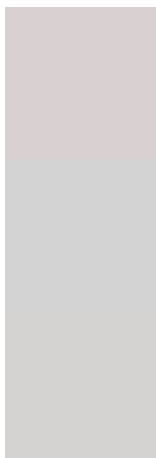
## Deuteranomaly

64.3233, 0.3245, 0.3235

## Tritanomaly

64.5408, 0.3140, 0.3179

# Monochromacy



## Original Color

64.4669, 0.3188, 0.3279

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

64.8925, 0.3150, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.4669, 0.3188, 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(217, 208, 209) looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 209)  
}
```

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, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 209) }
```

## Border

The CSS property to change the border of an element to Yxy 64.4669, 0.3188, 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(217, 208, 209) }
```

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

```
.border{ border-color:rgb(217, 208, 209) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
209) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.4669, 0.3188, 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(217, 208, 209) }
```

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

```
.background{ background-color: rgb(217,  
208, 209) }
```

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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