

# Converting Colors

$Yxy(61.8510, 0.3136, 0.3245)$

Have a look what the booklet for  
Yxy(61.8510, 0.3136, 0.3245)  
contains.

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# Color

**Yxy(61.9677, 0.3137, 0.3244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2CDD1
RGB	210, 205, 209
RGB Percent	82%, 80%, 82%
CMY	0.1764, 0.1961, 0.1803
CMYK	0.00, 0.02, 0.00, 0.18
HSL	312°, 5%, 81%
HSV	312°, 2%, 82%
XYZ	59.9238, 61.9677, 69.1310
YIQ	206.9510, 1.6960, 2.3040

# Conversions

## Conversions Part 2

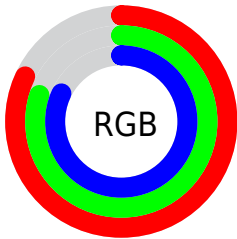
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 205, 209
Decimal	13815249
CIE Lab	82.90, 2.46, -1.39
CIE LCh	83, 2.823, 330.596
Yxy	61.9677, 0.3137, 0.3244
Android (android.graphics.Color)	4292005329 (0xFFD2CDD1)
YUV	206.9510, 1.0102, 2.6740
Hunter-Lab	78.7196, -1.8795, 3.0356

# Details

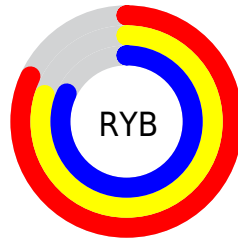
The Yxy color **61.9677, 0.3137, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5396, 0.3117, 0.3336**, and the grayscale version is **62.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5677, 0.3140, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **52.3815, 0.3182, 0.3046**, and if you desaturate by 10%, it is **72.9135, 0.3098, 0.3432**.

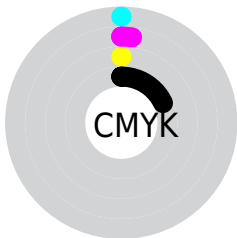
# Distribution



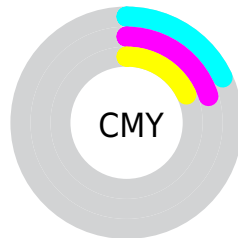
- Red (82%)
- Green (80%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9677, 0.3137, 0.3244 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 61.9677, 0.3137, 0.3244 by changing the saturation by 10% instead.



■ 61.9677, 0.3137,  
0.3244

■ 61.9677, 0.3137,  
0.3244

431.8133, 0.3132,  
0.3266

■ 45.0066, 0.3138,  
0.3239

107.6788, 0.3135,  
0.3252

■ 31.4626, 0.3139,  
0.3232

137.1977, 0.3135,  
0.3255

■ 20.9514, 0.3141,  
0.3224

171.6712, 0.3134,  
0.3257

■ 13.0885, 0.3143,  
0.3213

211.4839, 0.3134,  
0.3259

■ 7.4895, 0.3147,  
0.3197

257.0200, 0.3133,  
0.3261

■ 3.7701, 0.3151,  
0.3174

308.6640, 0.3133,

■ 1.5458, 0.3159,

0.3263

366.8003, 0.3133,  
0.3265

0.3135

0.3206, 0.3224,  
0.2834

0.0000, 0.0000,  
0.0000

61.9677, 0.3137,  
0.3244

61.9677, 0.3137,  
0.3244

52.3815, 0.3182,  
0.3046

72.9135, 0.3098,  
0.3432

44.0934, 0.3234,  
0.2842

85.2613, 0.3065,  
0.3608

37.0492, 0.3294,  
0.2638

90.4818, 0.3040,  
0.3643

31.1879, 0.3360,  
0.2440

90.7107, 0.3016,  
0.3597

■ 26.4429, 0.3432,  
0.2257

■ 90.9454, 0.2993,  
0.3552

■ 22.7415, 0.3509,  
0.2100

■ 91.1857, 0.2970,  
0.3506

■ 20.0020, 0.3588,  
0.1978

■ 91.4319, 0.2947,  
0.3461

■ 18.1307, 0.3667,  
0.1899

■ 91.6839, 0.2925,  
0.3416

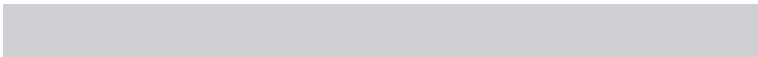
■ 17.0151, 0.3743,  
0.1867

■ 91.9418, 0.2902,  
0.3372

# Harmonies

## Analogous

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



61.9677, 0.3101, 0.3230



61.9677, 0.3137, 0.3244



61.9677, 0.3171, 0.3270

# Triad

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



61.9677, 0.3137, 0.3244



61.9677, 0.3183, 0.3349



61.9677, 0.3062, 0.3278

# Complementary

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



61.9677, 0.3137, 0.3244



63.5396, 0.3117, 0.3336

# 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.



61.9677, 0.3084, 0.3310



61.9677, 0.3137, 0.3244



61.9677, 0.3153, 0.3351

# Square

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



61.9677, 0.3137, 0.3244



61.9677, 0.3197, 0.3331



61.9677, 0.3117, 0.3337



61.9677, 0.3058, 0.3249



# Rectangle

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



61.9677, 0.3137, 0.3244



61.9677, 0.3187, 0.3291



61.9677, 0.3117, 0.3337



61.9677, 0.3068, 0.3289

# Sweetspot

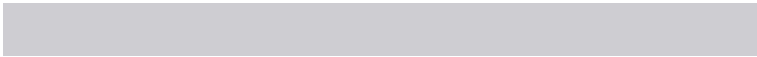
The Sweet Spot groups the original color and five complimentary colors.



61.9704, 0.3137, 0.3244



98.3508, 0.3131, 0.3271



61.4378, 0.3099, 0.3232



21.0685, 0.3131, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

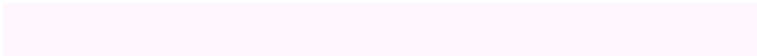


# Same Dimension

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



61.9704, 0.3137, 0.3244



95.1171, 0.3140, 0.3232



61.8471, 0.3155, 0.3273



13.1548, 0.3143, 0.3217



10.0918, 0.3789, 0.1861



0.5749, 0.3663, 0.1792



# Inverse Universe

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



61.9704, 0.3137, 0.3244



95.1171, 0.3140, 0.3232



63.6625, 0.3100, 0.3307



13.1548, 0.3143, 0.3217



10.0918, 0.3789, 0.1861

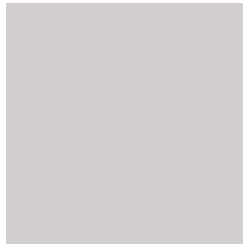


0.5749, 0.3663, 0.1792



# Previews

## White Background



This preview shows how the Yxy color 61.9677, 0.3137, 0.3244 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

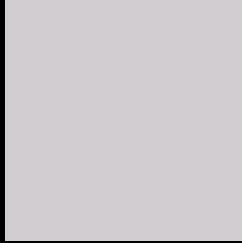
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.9677, 0.3137, 0.3244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

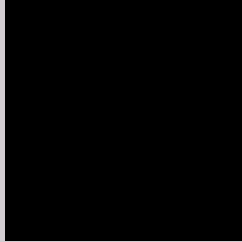
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

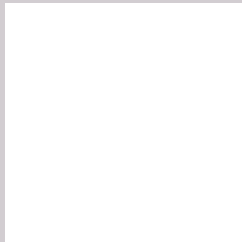
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.9677, 0.3137, 0.3244**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.9677, 0.3137, 0.3244.

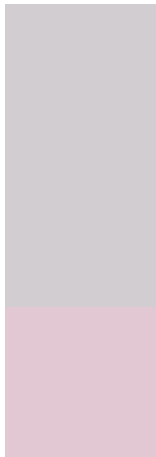


This preview shows how white text looks on a background with the Yxy color 61.9677, 0.3137, 0.3244.

# 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

61.9677, 0.3137, 0.3244

### Protanopia

61.8214, 0.3129, 0.3244

### Deuteranopia

61.9692, 0.3250, 0.3179



## Tritanopia

61.8234, 0.3083, 0.3109

# Trichromacy



## Original Color

61.9677, 0.3137, 0.3244

## Protanomaly

61.8214, 0.3129, 0.3244

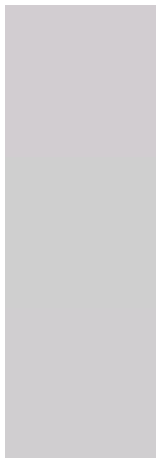
## Deuteranomaly

62.1098, 0.3209, 0.3201

## Tritanomaly

61.9409, 0.3103, 0.3165

# Monochromacy



## Original Color

61.9677, 0.3137, 0.3244

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

62.1066, 0.3128, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.9677, 0.3137, 0.3244 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(210, 205, 209) looks like.

```
.text, #text, p{  
    color:rgb(210, 205, 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(210, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 209) }
```

## Border

The CSS property to change the border of an element to Yxy 61.9677, 0.3137, 0.3244 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(210, 205, 209) }
```

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

```
.border{ border-color:rgb(210, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
209) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.9677, 0.3137, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 209) }
```

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

```
.background{ background-color: rgb(210,  
205, 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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