

# Converting Colors

$Yxy(60.7054, 0.3297, 0.3196)$

Have a look what the booklet for  
Yxy(60.7054, 0.3297, 0.3196)  
contains.

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# Color

**Yxy(60.5575, 0.3291, 0.3190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C5CE
RGB	226, 197, 206
RGB Percent	89%, 77%, 81%
CMY	0.1137, 0.2274, 0.1921
CMYK	0.00, 0.13, 0.09, 0.11
HSL	341°, 33%, 83%
HSV	341°, 13%, 89%
XYZ	62.4748, 60.5575, 66.8031
YIQ	206.6970, 14.3950, 8.9470

# Conversions

## Conversions Part 2

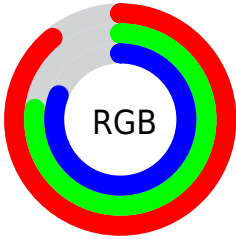
Format	Color
R <sub>Y</sub> B	226, 197, 206
Decimal	14861774
CIE Lab	82.14, 11.72, -0.74
CIE LCh	82, 11.741, 356.397
Yxy	60.5575, 0.3291, 0.3190
Android (android.graphics.Color)	4293051854 (0xFFE2C5CE)
YUV	206.6970, -0.3436, 16.9287
Hunter-Lab	77.8187, 7.1216, 3.5759

# Details

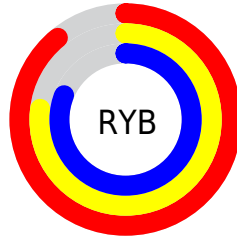
The Yxy color **60.5575, 0.3291, 0.3190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2767, 0.2986, 0.3392**, and the grayscale version is **62.1899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.5698, 0.3337, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **50.3344, 0.3452, 0.3107**, and if you desaturate by 10%, it is **72.3996, 0.3160, 0.3269**.

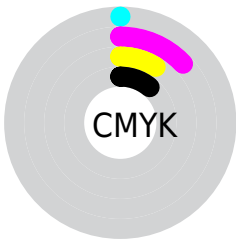
# Distribution



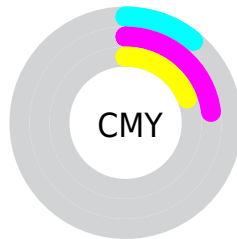
- Red (89%)
- Green (77%)
- Blue (81%)



- Red (89%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5575, 0.3291, 0.3190 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 60.5575, 0.3291, 0.3190 by changing the saturation by 10% instead.




 60.5575, 0.3291,  
0.3190

 60.5575, 0.3291,  
0.3190


426.6497, 0.3213,  
0.3238

 43.8682, 0.3310,  
0.3179


105.6380, 0.3263,  
0.3207

 30.5669, 0.3333,  
0.3165


134.7979, 0.3253,  
0.3213

 20.2693, 0.3363,  
0.3146


168.8834, 0.3244,  
0.3219

 12.5909, 0.3403,  
0.3122

208.2790, 0.3236,  
0.3224

 7.1475, 0.3460,  
0.3087

253.3690, 0.3229,  
0.3228

 3.5545, 0.3547,  
0.3035


304.5379, 0.3223,

 1.4276, 0.3694,


0.3232


0.2948


362.1700, 0.3218,  
0.3235


 0.2369, 0.4833,  
0.2240


 0.0000, 0.0000,  
0.0000


 60.5575, 0.3291,  
0.3190


 60.5575, 0.3291,  
0.3190


 50.3344, 0.3452,  
0.3107


 72.3996, 0.3160,  
0.3269


 41.6519, 0.3649,  
0.3022

 85.9187, 0.3053,  
0.3342

 34.4369, 0.3886,  
0.2939

 94.7651, 0.2964,  
0.3312

 28.6074, 0.4167,  
0.2866

 94.9101, 0.2952,  
0.3289

■ 24.0732, 0.4490,  
0.2812

■ 20.7333, 0.4843,  
0.2788

■ 18.4714, 0.5205,  
0.2807

■ 17.1475, 0.5542,  
0.2875

■ 16.6162, 0.5755,  
0.2944

# Harmonies

## Analogous

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



60.5575, 0.3145, 0.3089



60.5575, 0.3291, 0.3190



60.5575, 0.3394, 0.3318

# Triad

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



60.5575, 0.3291, 0.3190



60.5575, 0.3254, 0.3554



60.5575, 0.2839, 0.3129

# Complementary

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



60.5575, 0.3291, 0.3190



71.2767, 0.2986, 0.3392

# 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.



60.5575, 0.2867, 0.3253



60.5575, 0.3291, 0.3190



60.5575, 0.3104, 0.3504

# Square

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



60.5575, 0.3291, 0.3190



60.5575, 0.3372, 0.3529



60.5575, 0.2963, 0.3392



60.5575, 0.2886, 0.3052



# Rectangle

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



60.5575, 0.3291, 0.3190



60.5575, 0.3423, 0.3403



60.5575, 0.2963, 0.3392



60.5575, 0.2840, 0.3166

# Sweetspot

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



60.5602, 0.3291, 0.3190



93.2195, 0.3174, 0.3260



60.1486, 0.3072, 0.2967



19.6884, 0.3183, 0.3254



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.



60.5602, 0.3291, 0.3190



76.3945, 0.3325, 0.3172



62.5920, 0.3353, 0.3350



13.7704, 0.3243, 0.3217



9.4976, 0.5714, 0.2921



0.6741, 0.5275, 0.2679



# Inverse Universe

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



60.5602, 0.3291, 0.3190



76.3945, 0.3325, 0.3172



68.9114, 0.2930, 0.3229



13.7704, 0.3243, 0.3217



9.4976, 0.5714, 0.2921

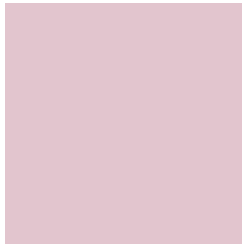


0.6741, 0.5275, 0.2679



# Previews

## White Background



This preview shows how the Yxy color 60.5575, 0.3291, 0.3190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

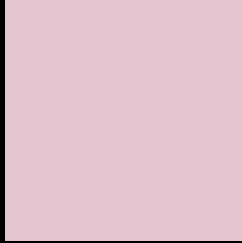
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.5575, 0.3291, 0.3190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

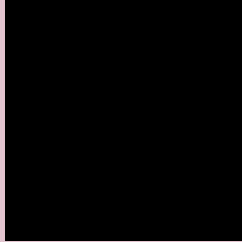
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.5575, 0.3291, 0.3190**

## Background



This preview shows how black text looks on a background with the Yxy color 60.5575, 0.3291, 0.3190.



This preview shows how white text looks on a background with the Yxy color 60.5575, 0.3291, 0.3190.

# 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

60.5575, 0.3291, 0.3190

### Protanopia

60.4868, 0.3100, 0.3209

### Deuteranopia

60.5324, 0.3266, 0.3201



## Tritanopia

60.5139, 0.3262, 0.3125

# Trichromacy



## Original Color

60.5575, 0.3291, 0.3190

## Protanomaly

60.5229, 0.3162, 0.3199

## Deuteranomaly

60.6917, 0.3274, 0.3201

## Tritanomaly

60.4142, 0.3277, 0.3146

# Monochromacy



## Original Color

60.5575, 0.3291, 0.3190

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.5130, 0.3183, 0.3245

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5575, 0.3291, 0.3190 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(226, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 206)  
}
```

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(226, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5575, 0.3291, 0.3190 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(226, 197, 206) }
```

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

```
.border{ border-color:rgb(226, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5575, 0.3291, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 206) }
```

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

```
.background{ background-color: rgb(226,  
197, 206) }
```

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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