

# Converting Colors

$Yxy(71.1396, 0.3267, 0.3236)$

Have a look what the booklet for  
Yxy(71.1396, 0.3267, 0.3236)  
contains.

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# Color

**Yxy(71.2121, 0.3262, 0.3238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD6DB
RGB	237, 214, 219
RGB Percent	93%, 84%, 86%
CMY	0.0708, 0.1607, 0.1412
CMYK	0.00, 0.10, 0.08, 0.07
HSL	347°, 39%, 88%
HSV	347°, 10%, 93%
XYZ	71.7399, 71.2121, 76.9742
YIQ	221.4470, 12.1030, 6.4310

# Conversions

## Conversions Part 2

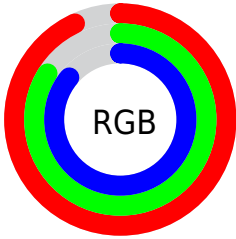
Format	Color
R <sub>Y</sub> B	237, 214, 219
Decimal	15587035
CIE Lab	87.59, 8.74, 0.43
CIE LCh	88, 8.755, 2.841
Yxy	71.2121, 0.3262, 0.3238
Android (android.graphics.Color)	4293777115 (0xFFEDD6DB)
YUV	221.4470, -1.2064, 13.6400
Hunter-Lab	84.3873, 4.0700, 4.9895

# Details

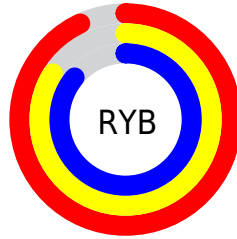
The Yxy color **71.2121, 0.3262, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.6554, 0.3007, 0.3343**, and the grayscale version is **72.6357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3004, 0.3296, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **59.1561, 0.3434, 0.3181**, and if you desaturate by 10%, it is **85.1278, 0.3123, 0.3292**.

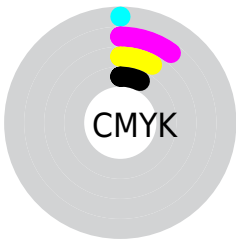
# Distribution



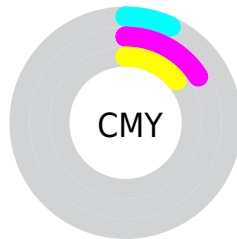
- Red (93%)
- Green (84%)
- Blue (86%)



- Red (93%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (16%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2121, 0.3262, 0.3238 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 71.2121, 0.3262, 0.3238 by changing the saturation by 10% instead.




 71.2121, 0.3262,  
0.3238

 71.2121, 0.3262,  
0.3238


464.7945, 0.3199,  
0.3262

 52.5153, 0.3276,  
0.3232


120.9357, 0.3240,  
0.3247

 37.4160, 0.3294,  
0.3225


152.7313, 0.3232,  
0.3250

 25.5297, 0.3317,  
0.3217


189.6619, 0.3224,  
0.3253

 16.4722, 0.3347,  
0.3205

232.1119, 0.3218,  
0.3255

 9.8589, 0.3388,  
0.3189

280.4659, 0.3213,  
0.3257

 5.3055, 0.3448,  
0.3165

335.1080, 0.3208,

 2.4276, 0.3544,

0.3259

0.3127

396.4228, 0.3203,  
0.3261

0.8400, 0.3725,  
0.3057

0.0000, 0.0000,  
0.0000

71.2121, 0.3262,  
0.3238

71.2121, 0.3262,  
0.3238

59.1561, 0.3434,  
0.3181

85.1278, 0.3123,  
0.3292

48.8718, 0.3646,  
0.3121

96.7332, 0.3017,  
0.3290

40.2781, 0.3906,  
0.3063

33.2842, 0.4217,  
0.3011

■ 27.7903, 0.4579,  
0.2972

■ 23.6856, 0.4979,  
0.2956

■ 20.8437, 0.5387,  
0.2973

■ 19.1150, 0.5760,  
0.3028

■ 18.2576, 0.6055,  
0.3111

# Harmonies

## Analogous

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



71.2121, 0.3163, 0.3160



71.2121, 0.3262, 0.3238



71.2121, 0.3325, 0.3331

# Triad

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



71.2121, 0.3262, 0.3238



71.2121, 0.3196, 0.3472



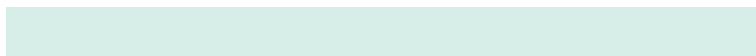
71.2121, 0.2925, 0.3162

# Complementary

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



71.2121, 0.3262, 0.3238



80.6554, 0.3007, 0.3343

# 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.



71.2121, 0.2934, 0.3244



71.2121, 0.3262, 0.3238



71.2121, 0.3089, 0.3426

# Square

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



71.2121, 0.3262, 0.3238



71.2121, 0.3286, 0.3467



71.2121, 0.2993, 0.3342



71.2121, 0.2970, 0.3115



# Rectangle

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



71.2121, 0.3262, 0.3238



71.2121, 0.3337, 0.3389



71.2121, 0.2993, 0.3342



71.2121, 0.2922, 0.3186

# Sweetspot

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



71.2152, 0.3262, 0.3238



94.8358, 0.3166, 0.3274



71.3697, 0.3103, 0.3050



20.0107, 0.3177, 0.3270



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.



71.2152, 0.3262, 0.3238



80.5576, 0.3300, 0.3225



74.3091, 0.3290, 0.3359



15.1074, 0.3259, 0.3239



9.9777, 0.6026, 0.3093



0.7974, 0.5646, 0.2884



# Inverse Universe

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



71.2152, 0.3262, 0.3238



80.5576, 0.3300, 0.3225



77.2524, 0.2978, 0.3220



15.1074, 0.3259, 0.3239



9.9777, 0.6026, 0.3093

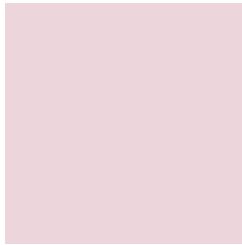


0.7974, 0.5646, 0.2884



# Previews

## White Background



This preview shows how the Yxy color 71.2121, 0.3262, 0.3238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

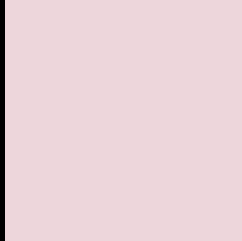
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.2121, 0.3262, 0.3238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

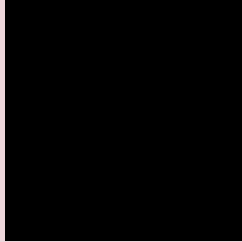
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 71.2121, 0.3262, 0.3238**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.2121, 0.3262, 0.3238.

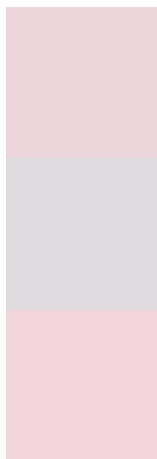


This preview shows how white text looks on a background with the Yxy color 71.2121, 0.3262, 0.3238.

# 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

71.2121, 0.3262, 0.3238

### Protanopia

71.6249, 0.3136, 0.3258

### Deuteranopia

71.4037, 0.3293, 0.3228



## Tritanopia

70.9213, 0.3202, 0.3113

# Trichromacy



## Original Color

71.2121, 0.3262, 0.3238

## Protanomaly

71.3401, 0.3180, 0.3247

## Deuteranomaly

71.2282, 0.3286, 0.3228

## Tritanomaly

71.2019, 0.3229, 0.3165

# Monochromacy



## Original Color

71.2121, 0.3262, 0.3238

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

71.6410, 0.3179, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.2121, 0.3262, 0.3238 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(237, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 219)  
}
```

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(237, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 71.2121, 0.3262, 0.3238 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(237, 214, 219) }
```

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

```
.border{ border-color:rgb(237, 214, 219) }
```

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

Here you see how a box with a 4 pixel rgb(237, 214, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.2121, 0.3262, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 219) }
```

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

```
.background{ background-color: rgb(237,  
214, 219) }
```

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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