

# Converting Colors

Yxy(65.4634, 0.3262, 0.3062)

Have a look what the booklet for  
Yxy(65.4634, 0.3262, 0.3062)  
contains.

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# Color

**Yxy(65.4517, 0.3261, 0.3058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFC9DF
RGB	239, 201, 223
RGB Percent	94%, 79%, 87%
CMY	0.0629, 0.2117, 0.1254
CMYK	0.00, 0.16, 0.07, 0.06
HSL	325°, 54%, 86%
HSV	325°, 16%, 94%
XYZ	69.7966, 65.4517, 78.7860
YIQ	214.8700, 15.5860, 14.8980

# Conversions

## Conversions Part 2

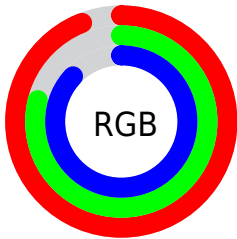
Format	Color
R <sub>Y</sub> B	239, 201, 223
Decimal	15714783
CIE Lab	84.72, 16.98, -5.90
CIE LCh	85, 17.973, 340.819
Yxy	65.4517, 0.3261, 0.3058
Android (android.graphics.Color)	4293904863 (0xFFEFC9DF)
YUV	214.8700, 4.0081, 21.1620
Hunter-Lab	80.9022, 12.4180, -1.1076

# Details

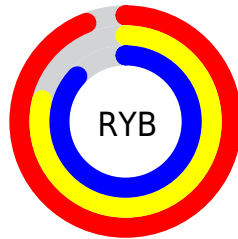
The Yxy color  $65.4517, 0.3261, 0.3058$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $79.1400, 0.3013, 0.3534$ , and the grayscale version is  $67.8276, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $33.7619, 0.3294, 0.3004$  is the 20% darker color. If you saturate the color by 10%, you get  $54.6398, 0.3367, 0.2904$ , and if you desaturate by 10%, it is  $78.0346, 0.3172, 0.3206$ .

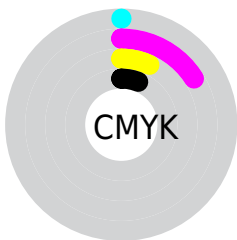
# Distribution



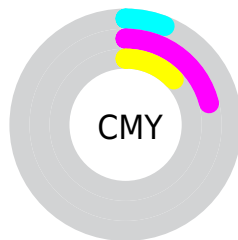
- Red (94%)
- Green (79%)
- Blue (87%)



- Red (94%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (6%)




- Cyan (6%)
- Magenta (21%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4517, 0.3261, 0.3058 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 65.4517, 0.3261, 0.3058 by changing the saturation by 10% instead.




 65.4517, 0.3261,  
0.3058

 65.4517, 0.3261,  
0.3058


444.4134, 0.3199,  
0.3165

 47.8274, 0.3275,  
0.3033


112.6990, 0.3239,  
0.3095

 33.6903, 0.3293,  
0.3003

143.0909, 0.3231,  
0.3110

 22.6557, 0.3315,  
0.2965


178.5074, 0.3224,  
0.3122

 14.3395, 0.3345,  
0.2914

219.3329, 0.3218,  
0.3133

 8.3572, 0.3385,  
0.2846

265.9519, 0.3212,  
0.3143

 4.3243, 0.3443,  
0.2746


318.7487, 0.3207,

 1.8566, 0.3536,

0.3151

0.2591


378.1077, 0.3203,  
0.3159


 0.5221, 0.3777,  
0.2161


 0.0000, 0.0000,  
0.0000

 65.4517, 0.3261,  
0.3058


 65.4517, 0.3261,  
0.3058


 54.6398, 0.3367,  
0.2904


 78.0346, 0.3172,  
0.3206


 45.5099, 0.3491,  
0.2750

 92.4550, 0.3098,  
0.3347

 37.9781, 0.3636,  
0.2601

 96.9652, 0.3040,  
0.3308

 31.9498, 0.3801,  
0.2468

 97.0848, 0.3029,  
0.3290

■ 27.3205, 0.3983,  
0.2361

■ 23.9721, 0.4178,  
0.2293

■ 21.7667, 0.4377,  
0.2275

■ 20.5339, 0.4572,  
0.2311

■ 20.1975, 0.4651,  
0.2336

# Harmonies

## Analogous

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



65.4517, 0.3033, 0.2946



65.4517, 0.3261, 0.3058



65.4517, 0.3458, 0.3228

# Triad

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



65.4517, 0.3261, 0.3058



65.4517, 0.3416, 0.3679



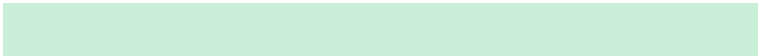
65.4517, 0.2709, 0.3136

# Complementary

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



65.4517, 0.3261, 0.3058



79.1400, 0.3013, 0.3534

# 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.



65.4517, 0.2804, 0.3341



65.4517, 0.3261, 0.3058



65.4517, 0.3209, 0.3666

# Square

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



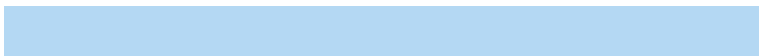
65.4517, 0.3261, 0.3058



65.4517, 0.3548, 0.3585



65.4517, 0.2985, 0.3540



65.4517, 0.2721, 0.2983



# Rectangle

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



65.4517, 0.3261, 0.3058



65.4517, 0.3542, 0.3356



65.4517, 0.2985, 0.3540



65.4517, 0.2729, 0.3201

# Sweetspot

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



65.4546, 0.3261, 0.3058



91.7931, 0.3165, 0.3219



62.7359, 0.2982, 0.2877



19.4099, 0.3171, 0.3209



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.



65.4546, 0.3261, 0.3058



71.6460, 0.3293, 0.3009



64.4935, 0.3403, 0.3257



15.9126, 0.3202, 0.3154



11.1920, 0.4622, 0.2320



0.9509, 0.4384, 0.2189



# Inverse Universe

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



65.4546, 0.3261, 0.3058



71.6460, 0.3293, 0.3009



80.1774, 0.2904, 0.3324



15.9126, 0.3202, 0.3154



11.1920, 0.4622, 0.2320

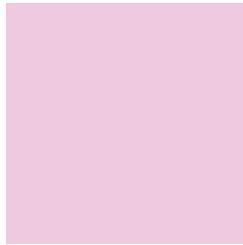


0.9509, 0.4384, 0.2189



# Previews

## White Background



This preview shows how the Yxy color 65.4517, 0.3261, 0.3058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

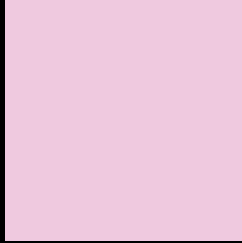
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.4517, 0.3261, 0.3058 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 65.4517, 0.3261, 0.3058**

## **Background**



This preview shows how black text looks on a background with the Yxy color 65.4517, 0.3261, 0.3058.

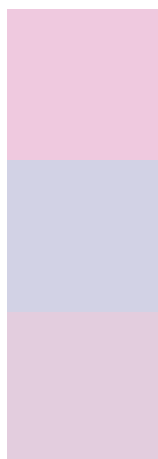


This preview shows how white text looks on a background with the Yxy color 65.4517, 0.3261, 0.3058.

# 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

65.4517, 0.3261, 0.3058

### Protanopia

65.4520, 0.2999, 0.3078

### Deuteranopia

65.2675, 0.3174, 0.3106



## Tritanopia

65.4802, 0.3290, 0.3120

# Trichromacy



## Original Color

65.4517, 0.3261, 0.3058

## Protanomaly

65.5439, 0.3093, 0.3072

## Deuteranomaly

65.4486, 0.3205, 0.3097

## Tritanomaly

65.5855, 0.3275, 0.3099

# Monochromacy



## Original Color

65.4517, 0.3261, 0.3058

## Achromatopsia

67.9542, 0.3127, 0.3290

## Achromatomaly

67.0024, 0.3176, 0.3203

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.4517, 0.3261, 0.3058 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(239, 201, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 223)  
}
```

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(239, 201, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 65.4517, 0.3261, 0.3058 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(239, 201, 223) }
```

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

```
.border{ border-color:rgb(239, 201, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
223) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.4517, 0.3261, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 223) }
```

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

```
.background{ background-color: rgb(239,  
201, 223) }
```

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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