

# Converting Colors

$Yxy(56.8485, 0.3471, 0.3255)$

Have a look what the booklet for  
Yxy(56.8485, 0.3471, 0.3255)  
contains.

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# Color

**Yxy(56.8838, 0.3474, 0.3258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BCBF
RGB	232, 188, 191
RGB Percent	91%, 74%, 75%
CMY	0.0903, 0.2627, 0.2511
CMYK	0.00, 0.19, 0.18, 0.09
HSL	356°, 49%, 82%
HSV	356°, 19%, 91%
XYZ	60.6551, 56.8838, 57.0584
YIQ	201.4980, 25.2610, 10.2610

# Conversions

## Conversions Part 2

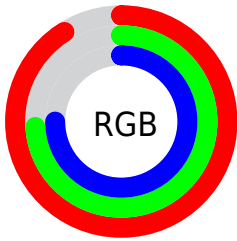
Format	Color
R <sub>Y</sub> B	232, 188, 191
Decimal	15252671
CIE Lab	80.11, 16.19, 4.47
CIE LCh	80, 16.794, 15.437
Yxy	56.8838, 0.3474, 0.3258
Android (android.graphics.Color)	4293442751 (0xFFE8BCBF)
YUV	201.4980, -5.1755, 26.7503
Hunter-Lab	75.4213, 11.5653, 7.9404

# Details

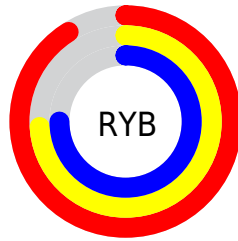
The Yxy color  $56.8838, 0.3474, 0.3258$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $74.0456, 0.2860, 0.3323$ , and the grayscale version is  $58.7539, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $92.6768, 0.3180, 0.3261$ , and  $28.3930, 0.3563, 0.3247$  is the 20% darker color. If you saturate the color by 10%, you get  $46.8747, 0.3725, 0.3240$ , and if you desaturate by 10%, it is  $68.6317, 0.3273, 0.3275$ .

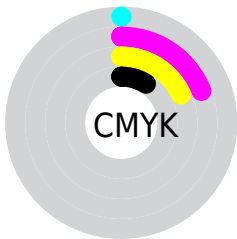
# Distribution



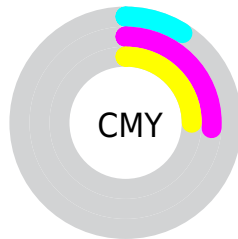
- Red (91%)
- Green (74%)
- Blue (75%)



- Red (91%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (9%)




- Cyan (9%)
- Magenta (26%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8838, 0.3474, 0.3258 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 56.8838, 0.3474, 0.3258 by changing the saturation by 10% instead.




 56.8838, 0.3474,  
0.3258

 56.8838, 0.3474,  
0.3258


413.0138, 0.3305,  
0.3275

 40.9120, 0.3515,  
0.3253


 100.2956, 0.3414,  
0.3265

 28.2503, 0.3566,  
0.3247


128.5044, 0.3391,  
0.3267

 18.5144, 0.3633,  
0.3239


161.5609, 0.3371,  
0.3269

 11.3199, 0.3725,  
0.3227

199.8496, 0.3355,  
0.3271

 6.2825, 0.3856,  
0.3208

243.7548, 0.3340,  
0.3272

 3.0176, 0.4060,  
0.3175

293.6610, 0.3327,

 1.1409, 0.4421,

0.3273

0.3108

349.9525, 0.3316,  
0.3274

0.0126, 0.9699,  
0.0301

0.0000, 0.0000,  
0.0000

56.8838, 0.3474,  
0.3258

56.8838, 0.3474,  
0.3258

46.8747, 0.3725,  
0.3240

68.6317, 0.3273,  
0.3275

38.5144, 0.4034,  
0.3223

82.1872, 0.3112,  
0.3292

31.7170, 0.4406,  
0.3208

95.8900, 0.2987,  
0.3290

26.3852, 0.4837,  
0.3199

■ 22.4111, 0.5301,  
0.3199

■ 19.6721, 0.5747,  
0.3211

■ 18.0231, 0.6107,  
0.3237

■ 17.2464, 0.6328,  
0.3267

■ 17.1862, 0.6345,  
0.3269

# Harmonies

## Analogous

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



56.8838, 0.3292, 0.3085



56.8838, 0.3474, 0.3258



56.8838, 0.3561, 0.3444

# Triad

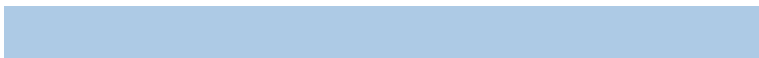
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.8838, 0.3474, 0.3258



56.8838, 0.3173, 0.3645



56.8838, 0.2740, 0.2973

# Complementary

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



56.8838, 0.3474, 0.3258



74.0456, 0.2860, 0.3323

# 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.



56.8838, 0.2712, 0.3112



56.8838, 0.3474, 0.3258



56.8838, 0.2957, 0.3508

# Square

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



56.8838, 0.3474, 0.3258



56.8838, 0.3383, 0.3677



56.8838, 0.2790, 0.3308



56.8838, 0.2869, 0.2923



# Rectangle

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



56.8838, 0.3474, 0.3258



56.8838, 0.3551, 0.3554



56.8838, 0.2790, 0.3308



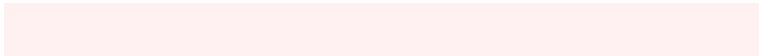
56.8838, 0.2719, 0.3010

# Sweetspot

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



56.8864, 0.3474, 0.3258



89.7383, 0.3222, 0.3280



58.3437, 0.3120, 0.2816



18.9793, 0.3233, 0.3279



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.



56.8864, 0.3474, 0.3258



65.0818, 0.3572, 0.3251



65.0843, 0.3461, 0.3493



14.3836, 0.3282, 0.3275



9.5508, 0.6327, 0.3259



0.7113, 0.6129, 0.3150



# Inverse Universe

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



56.8864, 0.3474, 0.3258



65.0818, 0.3572, 0.3251



64.4374, 0.2831, 0.3078



14.3836, 0.3282, 0.3275



9.5508, 0.6327, 0.3259

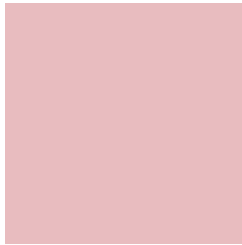


0.7113, 0.6129, 0.3150



# Previews

## White Background



This preview shows how the Yxy color 56.8838, 0.3474, 0.3258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

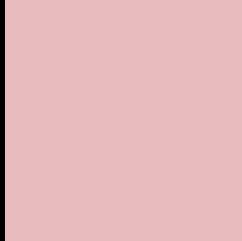
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.8838, 0.3474, 0.3258 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 56.8838, 0.3474, 0.3258**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.8838, 0.3474, 0.3258.



This preview shows how white text looks on a background with the Yxy color 56.8838, 0.3474, 0.3258.

# 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

56.8838, 0.3474, 0.3258

### Protanopia

57.1159, 0.3174, 0.3302

### Deuteranopia

56.7891, 0.3382, 0.3314



## Tritanopia

56.6585, 0.3403, 0.3125

# Trichromacy



## Original Color

56.8838, 0.3474, 0.3258

## Protanomaly

56.8198, 0.3282, 0.3279

## Deuteranomaly

56.9869, 0.3418, 0.3302

## Tritanomaly

56.8955, 0.3435, 0.3180

# Monochromacy



## Original Color

56.8838, 0.3474, 0.3258

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

57.5081, 0.3248, 0.3279

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.8838, 0.3474, 0.3258 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(232, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 191)  
}
```

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(232, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 56.8838, 0.3474, 0.3258 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(232, 188, 191) }
```

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

```
.border{ border-color:rgb(232, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.8838, 0.3474, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 191) }
```

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

```
.background{ background-color: rgb(232,  
188, 191) }
```

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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