

# Converting Colors

Yxy(56.7739, 0.3613, 0.3351)

Have a look what the booklet for  
Yxy(56.7739, 0.3613, 0.3351)  
contains.

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# Color

**Yxy(56.6311, 0.3614, 0.3347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBAB5
RGB	238, 186, 181
RGB Percent	93%, 73%, 71%
CMY	0.0668, 0.2705, 0.2902
CMYK	0.00, 0.22, 0.24, 0.07
HSL	5°, 63%, 82%
HSV	5°, 24%, 93%
XYZ	61.1487, 56.6311, 51.4198
YIQ	200.9780, 32.5970, 9.4690

# Conversions

## Conversions Part 2

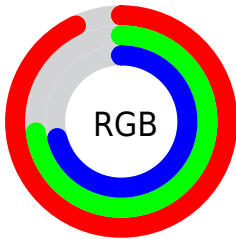
Format	Color
R <sub>Y</sub> B	238, 186, 181
Decimal	15645365
CIE Lab	79.97, 17.97, 9.72
CIE LCh	80, 20.428, 28.416
Yxy	56.6311, 0.3614, 0.3347
Android (android.graphics.Color)	4293835445 (0xFFEEBAB5)
YUV	200.9780, -9.8492, 32.4683
Hunter-Lab	75.2536, 13.3496, 12.1655

# Details

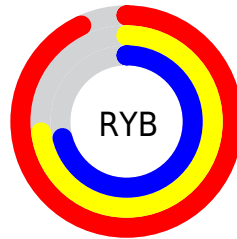
The Yxy color **56.6311, 0.3614, 0.3347** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2327, 0.2769, 0.3232**, and the grayscale version is **58.4411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8787, 0.3244, 0.3339**, and **28.1573, 0.3744, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **47.2798, 0.3901, 0.3372**, and if you desaturate by 10%, it is **67.5423, 0.3380, 0.3322**.

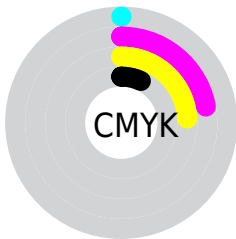
# Distribution



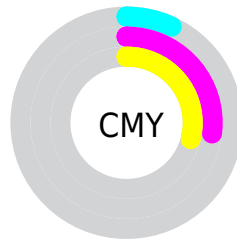
- Red (93%)
- Green (73%)
- Blue (71%)



- Red (93%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6311, 0.3614, 0.3347 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 56.6311, 0.3614, 0.3347 by changing the saturation by 10% instead.





 56.6311, 0.3614,  
0.3347

 56.6311, 0.3614,  
0.3347


412.0655, 0.3376,  
0.3324

 40.7091, 0.3672,  
0.3351


 99.9267, 0.3529,  
0.3340

 28.0919, 0.3744,  
0.3356


128.0692, 0.3497,  
0.3337

 18.3949, 0.3839,  
0.3361


161.0539, 0.3469,  
0.3334

 11.2339, 0.3969,  
0.3366

199.2653, 0.3446,  
0.3331

 6.2244, 0.4154,  
0.3369

243.0878, 0.3425,  
0.3329

 2.9820, 0.4441,  
0.3363

292.9057, 0.3407,

 1.1223, 0.5034,

0.3327

0.3389

349.1035, 0.3391,  
0.3325

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

56.6311, 0.3614,  
0.3347

56.6311, 0.3614,  
0.3347

47.2798, 0.3901,  
0.3372

67.5423, 0.3380,  
0.3322

39.4097, 0.4247,  
0.3396

80.0720, 0.3191,  
0.3299

32.9471, 0.4652,  
0.3416

94.2850, 0.3038,  
0.3277

27.8088, 0.5101,  
0.3426

96.9104, 0.3023,  
0.3290

■ 23.9029, 0.5557,  
0.3423

■ 21.1257, 0.5958,  
0.3401

■ 19.3562, 0.6241,  
0.3364

■ 18.7070, 0.6346,  
0.3343

# Harmonies

## Analogous

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



56.6311, 0.3434, 0.3127



56.6311, 0.3614, 0.3347



56.6311, 0.3657, 0.3563

# Triad

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



56.6311, 0.3614, 0.3347



56.6311, 0.3064, 0.3668



56.6311, 0.2712, 0.2865

# Complementary

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



56.6311, 0.3614, 0.3347



74.2327, 0.2769, 0.3232

# 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.



56.6311, 0.2624, 0.2987



56.6311, 0.3614, 0.3347



56.6311, 0.2821, 0.3455

# Square

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



56.6311, 0.3614, 0.3347



56.6311, 0.3332, 0.3765



56.6311, 0.2663, 0.3201



56.6311, 0.2910, 0.2855



# Rectangle

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



56.6311, 0.3614, 0.3347



56.6311, 0.3601, 0.3678



56.6311, 0.2663, 0.3201



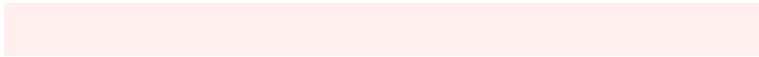
56.6311, 0.2669, 0.2893

# Sweetspot

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



56.6337, 0.3614, 0.3347



88.9558, 0.3246, 0.3306



57.1108, 0.3192, 0.2741



18.8461, 0.3257, 0.3307



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.



56.6337, 0.3614, 0.3347



60.3850, 0.3755, 0.3360



69.7131, 0.3544, 0.3650



15.9831, 0.3291, 0.3311



10.5178, 0.6333, 0.3354



0.9512, 0.6178, 0.3477



# Inverse Universe

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



74.2327, 0.2769, 0.3232



84.4747, 0.2698, 0.3218



59.5272, 0.2742, 0.2902



17.6763, 0.2981, 0.3268



31.2247, 0.2170, 0.3011



2.6670, 0.2181, 0.3051



# Previews

## White Background



This preview shows how the Yxy color 56.6311, 0.3614, 0.3347 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

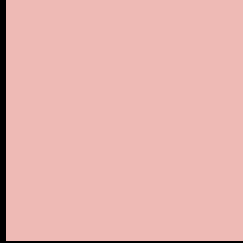
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.6311, 0.3614, 0.3347 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 56.6311, 0.3614, 0.3347**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.6311, 0.3614, 0.3347.



This preview shows how white text looks on a background with the Yxy color 56.6311, 0.3614, 0.3347.

# 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

56.6311, 0.3614, 0.3347

### Protanopia

56.9552, 0.3265, 0.3422

### Deuteranopia

56.5644, 0.3499, 0.3417



## Tritanopia

56.4695, 0.3493, 0.3128

# Trichromacy



## Original Color

56.6311, 0.3614, 0.3347

## Protanomaly

56.8381, 0.3385, 0.3396

## Deuteranomaly

56.5135, 0.3546, 0.3393

## Tritanomaly

56.4375, 0.3534, 0.3204

# Monochromacy



## Original Color

56.6311, 0.3614, 0.3347

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

57.6710, 0.3287, 0.3314

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.6311, 0.3614, 0.3347 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(238, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 186, 181)  
}
```

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(238, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 186, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 56.6311, 0.3614, 0.3347 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(238, 186, 181) }
```

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

```
.border{ border-color:rgb(238, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 186,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.6311, 0.3614, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 186, 181) }
```

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

```
.background{ background-color: rgb(238,  
186, 181) }
```

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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