

# Converting Colors

Yxy(53.5871, 0.3634, 0.3379)

Have a look what the booklet for  
Yxy(53.5871, 0.3634, 0.3379)  
contains.

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# Color

**Yxy(53.6677, 0.3633, 0.3382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B6AE
RGB	232, 182, 174
RGB Percent	91%, 71%, 68%
CMY	0.0901, 0.2863, 0.3176
CMYK	0.00, 0.22, 0.25, 0.09
HSL	8°, 56%, 80%
HSV	8°, 25%, 91%
XYZ	57.6507, 53.6677, 47.3679
YIQ	196.0380, 32.3680, 8.1120

# Conversions

## Conversions Part 2

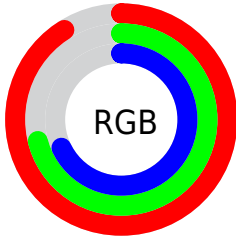
Format	Color
RYB	232, 183, 174
Decimal	15251118
CIELab	78.27, 16.92, 10.99
CIELCh	78, 20.174, 32.997
Yxy	53.6677, 0.3633, 0.3382
Android (android.graphics.Color)	4293441198 (0xFFE8B6AE)
YUV	196.0380, -10.8647, 31.5387
Hunter-Lab	73.2582, 12.2690, 12.9446

# Details

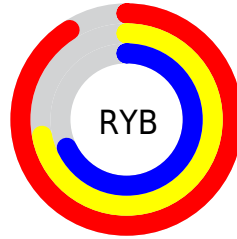
The Yxy color **53.6677, 0.3633, 0.3382** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1506, 0.2752, 0.3196**, and the grayscale version is **55.2799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0662, 0.3298, 0.3379**, and **26.2196, 0.3762, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **45.2250, 0.3916, 0.3421**, and if you desaturate by 10%, it is **63.4422, 0.3400, 0.3344**.

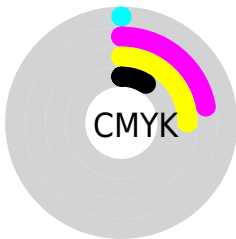
# Distribution



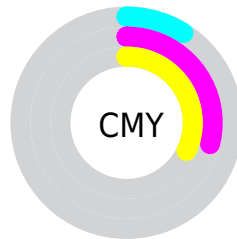
- Red (91%)
- Green (71%)
- Blue (68%)



- Red (91%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (9%)




- Cyan (9%)
- Magenta (29%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6677, 0.3633, 0.3382 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 53.6677, 0.3633, 0.3382 by changing the saturation by 10% instead.





 53.6677, 0.3633,  
0.3382

 53.6677, 0.3633,  
0.3382

400.8416, 0.3384,  
0.3342

 38.3361, 0.3694,  
0.3390


 95.5862, 0.3543,  
0.3369

 26.2436, 0.3772,  
0.3400


122.9418, 0.3509,  
0.3363

 17.0060, 0.3873,  
0.3411


155.0742, 0.3481,  
0.3359

 10.2388, 0.4013,  
0.3424

192.3677, 0.3456,  
0.3355

 5.5575, 0.4215,  
0.3437

235.2068, 0.3434,  
0.3351

 2.5780, 0.4533,  
0.3444

283.9759, 0.3415,

 0.9156, 0.5439,

0.3348

0.3650

339.0594, 0.3399,  
0.3345

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.6677, 0.3633,  
0.3382

53.6677, 0.3633,  
0.3382

45.2250, 0.3916,  
0.3421

63.4422, 0.3400,  
0.3344

38.0492, 0.4255,  
0.3458

74.5949, 0.3209,  
0.3307

32.0812, 0.4649,  
0.3488

87.1793, 0.3053,  
0.3274

27.2540, 0.5082,  
0.3504

95.8984, 0.2988,  
0.3290

■ 23.4945, 0.5520,  
0.3499

■ 20.7204, 0.5910,  
0.3469

■ 18.8373, 0.6193,  
0.3414

■ 18.1895, 0.6292,  
0.3386

# Harmonies

## Analogous

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



53.6677, 0.3470, 0.3158



53.6677, 0.3633, 0.3382



53.6677, 0.3652, 0.3594

# Triad

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



53.6677, 0.3633, 0.3382



53.6677, 0.3023, 0.3643



53.6677, 0.2734, 0.2854

# Complementary

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



53.6677, 0.3633, 0.3382



68.1506, 0.2752, 0.3196

# 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.



53.6677, 0.2627, 0.2959



53.6677, 0.3633, 0.3382



53.6677, 0.2789, 0.3417

# Square

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



53.6677, 0.3633, 0.3382



53.6677, 0.3293, 0.3762



53.6677, 0.2646, 0.3163



53.6677, 0.2946, 0.2861



# Rectangle

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



53.6677, 0.3633, 0.3382



53.6677, 0.3582, 0.3701



53.6677, 0.2646, 0.3163



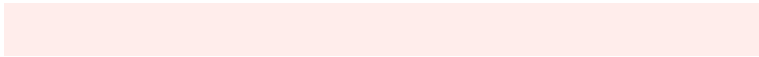
53.6677, 0.2685, 0.2877

# Sweetspot

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



53.6702, 0.3633, 0.3382



88.0414, 0.3263, 0.3318



52.8304, 0.3218, 0.2746



18.3905, 0.3291, 0.3323



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.



53.6702, 0.3633, 0.3382



60.9066, 0.3772, 0.3402



66.6770, 0.3557, 0.3697



14.6865, 0.3289, 0.3323



10.2022, 0.6273, 0.3401



0.8563, 0.6039, 0.3587



# Inverse Universe

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



68.1506, 0.2752, 0.3196



81.7232, 0.2680, 0.3174



53.9810, 0.2721, 0.2847



15.9799, 0.2981, 0.3257



26.3154, 0.2125, 0.2849



2.0384, 0.2144, 0.2919



# Previews

## White Background



This preview shows how the Yxy color 53.6677, 0.3633, 0.3382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

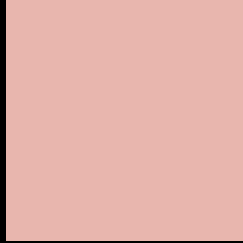
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.6677, 0.3633, 0.3382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

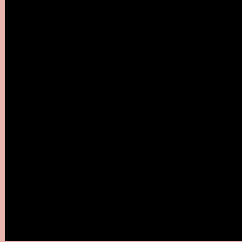
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.6677, 0.3633, 0.3382**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6677, 0.3633, 0.3382.



This preview shows how white text looks on a background with the Yxy color 53.6677, 0.3633, 0.3382.

# 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

53.6677, 0.3633, 0.3382

### Protanopia

53.8527, 0.3292, 0.3450

### Deuteranopia

53.7734, 0.3523, 0.3455



## Tritanopia

53.5829, 0.3492, 0.3135

# Trichromacy



## Original Color

53.6677, 0.3633, 0.3382

## Protanomaly

53.6066, 0.3408, 0.3422

## Deuteranomaly

53.5623, 0.3563, 0.3430

## Tritanomaly

53.5113, 0.3542, 0.3224

# Monochromacy



## Original Color

53.6677, 0.3633, 0.3382

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.4478, 0.3299, 0.3326

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6677, 0.3633, 0.3382 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, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 174)  
}
```

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, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6677, 0.3633, 0.3382 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, 182, 174) }
```

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

```
.border{ border-color:rgb(232, 182, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6677, 0.3633, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 174) }
```

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

```
.background{ background-color: rgb(232,  
182, 174) }
```

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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