

# Converting Colors

Yxy(53.4698, 0.3622, 0.3354)

Have a look what the booklet for  
Yxy(53.4698, 0.3622, 0.3354)  
contains.

<b>Yxy(53.3381, 0.3618, 0.3348)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(53.3381, 0.3618, 0.3348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B5B0
RGB	232, 181, 176
RGB Percent	91%, 71%, 69%
CMY	0.0902, 0.2902, 0.3098
CMYK	0.00, 0.22, 0.24, 0.09
HSL	5°, 55%, 80%
HSV	5°, 24%, 91%
XYZ	57.6396, 53.3381, 48.3357
YIQ	195.6790, 32.0010, 9.2570

# Conversions

## Conversions Part 2

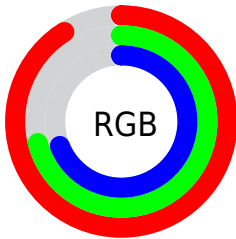
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 181, 176
Decimal	15250864
CIE Lab	78.07, 17.73, 9.63
CIE LCh	78, 20.172, 28.509
Yxy	53.3381, 0.3618, 0.3348
Android (android.graphics.Color)	4293440944 (0xFFE8B5B0)
YUV	195.6790, -9.7017, 31.8535
Hunter-Lab	73.0329, 13.0694, 11.8829

# Details

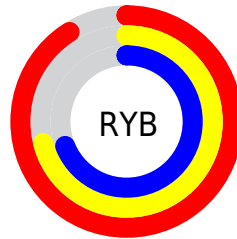
The Yxy color **53.3381, 0.3618, 0.3348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9978, 0.2767, 0.3231**, and the grayscale version is **55.0461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6546, 0.3280, 0.3340**, and **26.0075, 0.3742, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **44.5478, 0.3905, 0.3374**, and if you desaturate by 10%, it is **63.5935, 0.3384, 0.3323**.

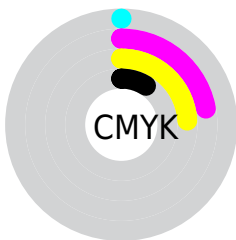
# Distribution



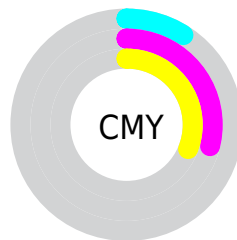
- Red (91%)
- Green (71%)
- Blue (69%)



- Red (91%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (9%)




- Cyan (9%)
- Magenta (29%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3381, 0.3618, 0.3348 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 53.3381, 0.3618, 0.3348 by changing the saturation by 10% instead.





 53.3381, 0.3618,  
0.3348

 53.3381, 0.3618,  
0.3348


399.5809, 0.3376,  
0.3324

 38.0727, 0.3677,  
0.3353


 95.1017, 0.3531,  
0.3340

 26.0392, 0.3753,  
0.3358


122.3687, 0.3498,  
0.3337

 16.8529, 0.3852,  
0.3363


154.4051, 0.3470,  
0.3334

 10.1297, 0.3988,  
0.3368

191.5952, 0.3446,  
0.3332

 5.4850, 0.4186,  
0.3370

234.3234, 0.3425,  
0.3330

 2.5346, 0.4498,  
0.3362

282.9742, 0.3407,

 0.8939, 0.5332,

0.3328

0.3495

337.9319, 0.3390,  
0.3326

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.3381, 0.3618,  
0.3348

53.3381, 0.3618,  
0.3348

44.5478, 0.3905,  
0.3374

63.5935, 0.3384,  
0.3323

37.1486, 0.4251,  
0.3398

75.3687, 0.3195,  
0.3299

31.0714, 0.4656,  
0.3417

88.7249, 0.3041,  
0.3277

26.2382, 0.5105,  
0.3428

95.8958, 0.2987,  
0.3290

■ 22.5627, 0.5559,  
0.3424

■ 19.9476, 0.5959,  
0.3402

■ 18.2795, 0.6241,  
0.3365

■ 17.6812, 0.6344,  
0.3344

# Harmonies

## Analogous

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



53.3381, 0.3437, 0.3126



53.3381, 0.3618, 0.3348



53.3381, 0.3660, 0.3566

# Triad

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



53.3381, 0.3618, 0.3348



53.3381, 0.3063, 0.3670



53.3381, 0.2710, 0.2862

# Complementary

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



53.3381, 0.3618, 0.3348



69.9978, 0.2767, 0.3231

# 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.



53.3381, 0.2621, 0.2984



53.3381, 0.3618, 0.3348



53.3381, 0.2818, 0.3456

# Square

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



53.3381, 0.3618, 0.3348



53.3381, 0.3332, 0.3768



53.3381, 0.2659, 0.3199



53.3381, 0.2909, 0.2852



# Rectangle

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



53.3381, 0.3618, 0.3348



53.3381, 0.3604, 0.3681



53.3381, 0.2659, 0.3199



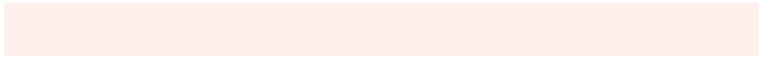
53.3381, 0.2666, 0.2890

# Sweetspot

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



53.3406, 0.3618, 0.3348



88.9657, 0.3245, 0.3306



53.7746, 0.3192, 0.2737



18.8484, 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.



53.3406, 0.3618, 0.3348



60.4146, 0.3755, 0.3361



65.7302, 0.3547, 0.3652



14.5736, 0.3290, 0.3312



9.8927, 0.6330, 0.3356



0.8026, 0.6157, 0.3493



# Inverse Universe

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



69.9978, 0.2767, 0.3231



84.4318, 0.2698, 0.3218



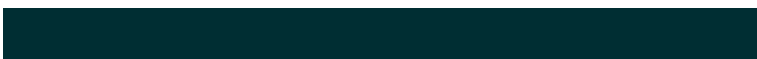
56.0602, 0.2739, 0.2899



16.1048, 0.2982, 0.3268



29.2774, 0.2169, 0.3009



2.2283, 0.2181, 0.3053



# Previews

## White Background



This preview shows how the Yxy color 53.3381, 0.3618, 0.3348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

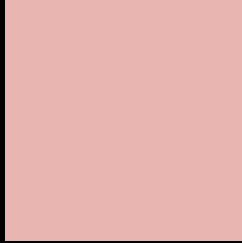
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.3381, 0.3618, 0.3348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

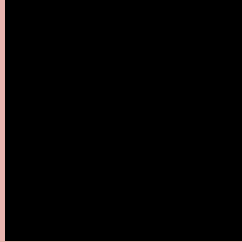
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.3381, 0.3618, 0.3348**

## Background



This preview shows how black text looks on a background with the Yxy color 53.3381, 0.3618, 0.3348.



This preview shows how white text looks on a background with the Yxy color 53.3381, 0.3618, 0.3348.

# 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

53.3381, 0.3618, 0.3348

### Protanopia

53.6594, 0.3260, 0.3425

### Deuteranopia

53.2730, 0.3500, 0.3420



## Tritanopia

53.5384, 0.3500, 0.3146

# Trichromacy



## Original Color

53.3381, 0.3618, 0.3348

## Protanomaly

53.5394, 0.3383, 0.3398

## Deuteranomaly

53.2234, 0.3548, 0.3396

## Tritanomaly

53.5113, 0.3542, 0.3224

# Monochromacy



## Original Color

53.3381, 0.3618, 0.3348

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.4910, 0.3291, 0.3314

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.3381, 0.3618, 0.3348 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, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 181, 176) }
```

## Border

The CSS property to change the border of an element to Yxy 53.3381, 0.3618, 0.3348 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, 181, 176) }
```

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

```
.border{ border-color:rgb(232, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 181,  
176) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.3381, 0.3618, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 181, 176) }
```

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

```
.background{ background-color: rgb(232,  
181, 176) }
```

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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