

# Converting Colors

Yxy(54.5800, 0.3548, 0.3312)

Have a look what the booklet for  
Yxy(54.5800, 0.3548, 0.3312)  
contains.

<b>Yxy(54.6473, 0.3550, 0.3314)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(54.6473, 0.3550, 0.3314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7B8B6
RGB	231, 184, 182
RGB Percent	91%, 72%, 71%
CMY	0.0941, 0.2784, 0.2863
CMYK	0.00, 0.20, 0.21, 0.09
HSL	2°, 51%, 81%
HSV	2°, 21%, 91%
XYZ	58.5389, 54.6473, 51.7121
YIQ	197.8250, 28.6540, 9.3420

# Conversions

## Conversions Part 2

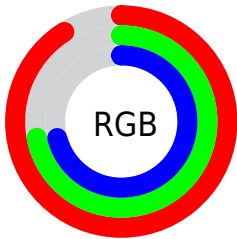
Format	Color
R <sub>Y</sub> B	231, 184, 182
Decimal	15186102
CIE Lab	78.84, 16.62, 7.47
CIE LCh	79, 18.226, 24.200
Yxy	54.6473, 0.3550, 0.3314
Android (android.graphics.Color)	4293376182 (0xFFE7B8B6)
YUV	197.8250, -7.8017, 29.0945
Hunter-Lab	73.9238, 11.9842, 10.2714

# Details

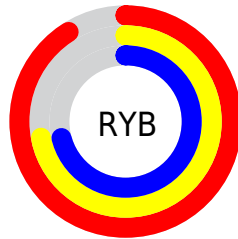
The Yxy color **54.6473, 0.3550, 0.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7457, 0.2810, 0.3266**, and the grayscale version is **56.3966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7532, 0.3239, 0.3310**, and **26.9315, 0.3670, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **45.2786, 0.3827, 0.3326**, and if you desaturate by 10%, it is **65.6194, 0.3326, 0.3302**.

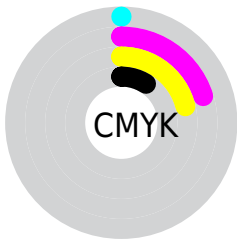
# Distribution



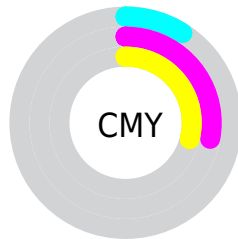
- Red (91%)
- Green (72%)
- Blue (71%)



- Red (91%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6473, 0.3550, 0.3314 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 54.6473, 0.3550, 0.3314 by changing the saturation by 10% instead.





 54.6473, 0.3550,  
0.3314

 54.6473, 0.3550,  
0.3314


404.5736, 0.3343,  
0.3306

 39.1194, 0.3601,  
0.3315


 97.0240, 0.3476,  
0.3312

 26.8526, 0.3665,  
0.3316


124.6416, 0.3447,  
0.3311

 17.4626, 0.3749,  
0.3317


157.0579, 0.3423,  
0.3310

 10.5648, 0.3864,  
0.3316

194.6573, 0.3403,  
0.3309

 5.7750, 0.4031,  
0.3311

237.8241, 0.3385,  
0.3308

 2.7088, 0.4294,  
0.3297

286.9429, 0.3369,

 0.9817, 0.4855,

0.3307

0.3313

342.3979, 0.3355,  
0.3306

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.6473, 0.3550,  
0.3314

54.6473, 0.3550,  
0.3314

45.2786, 0.3827,  
0.3326

65.6194, 0.3326,  
0.3302

37.4312, 0.4167,  
0.3338

78.2569, 0.3146,  
0.3291

31.0271, 0.4570,  
0.3348

92.6281, 0.3002,  
0.3281

25.9782, 0.5025,  
0.3355

95.7296, 0.2982,  
0.3290

■ 22.1873, 0.5497,  
0.3355

■ 19.5436, 0.5922,  
0.3346

■ 17.9176, 0.6230,  
0.3330

■ 17.1959, 0.6378,  
0.3318

# Harmonies

## Analogous

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



54.6473, 0.3374, 0.3117



54.6473, 0.3550, 0.3314



54.6473, 0.3608, 0.3513

# Triad

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



54.6473, 0.3550, 0.3314



54.6473, 0.3105, 0.3649



54.6473, 0.2733, 0.2915

# Complementary

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



54.6473, 0.3550, 0.3314



71.7457, 0.2810, 0.3266

# 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.



54.6473, 0.2669, 0.3040



54.6473, 0.3550, 0.3314



54.6473, 0.2878, 0.3470

# Square

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



54.6473, 0.3550, 0.3314



54.6473, 0.3345, 0.3719



54.6473, 0.2721, 0.3242



54.6473, 0.2901, 0.2891



# Rectangle

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



54.6473, 0.3550, 0.3314



54.6473, 0.3570, 0.3623



54.6473, 0.2721, 0.3242



54.6473, 0.2699, 0.2946

# Sweetspot

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



54.6498, 0.3550, 0.3314



90.0477, 0.3228, 0.3296



56.1190, 0.3164, 0.2780



19.0521, 0.3240, 0.3297



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.



54.6498, 0.3550, 0.3314



63.5593, 0.3652, 0.3319



65.5421, 0.3495, 0.3580



14.4625, 0.3292, 0.3300



9.6836, 0.6370, 0.3324



0.7493, 0.6284, 0.3392



# Inverse Universe

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



71.7457, 0.2810, 0.3266



88.1872, 0.2756, 0.3261



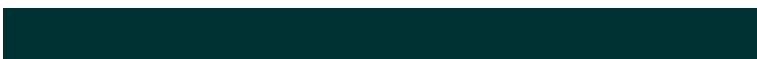
59.3107, 0.2790, 0.2981



16.2294, 0.2982, 0.3280



32.4201, 0.2212, 0.3162



2.4275, 0.2217, 0.3181



# Previews

## White Background



This preview shows how the Yxy color 54.6473, 0.3550, 0.3314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

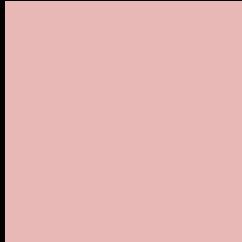
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.6473, 0.3550, 0.3314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

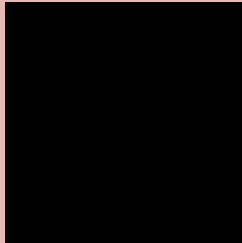
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.6473, 0.3550, 0.3314**

## Background



This preview shows how black text looks on a background with the Yxy color 54.6473, 0.3550, 0.3314.



This preview shows how white text looks on a background with the Yxy color 54.6473, 0.3550, 0.3314.

# 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

54.6473, 0.3550, 0.3314

### Protanopia

55.0786, 0.3228, 0.3375

### Deuteranopia

54.9470, 0.3452, 0.3384



## Tritanopia

54.7651, 0.3452, 0.3135

# Trichromacy



## Original Color

54.6473, 0.3550, 0.3314

## Protanomaly

54.8038, 0.3340, 0.3350

## Deuteranomaly

54.7241, 0.3491, 0.3360

## Tritanomaly

54.7844, 0.3484, 0.3201

# Monochromacy



## Original Color

54.6473, 0.3550, 0.3314

## Achromatopsia

56.4712, 0.3127, 0.3290

## Achromatomaly

55.6473, 0.3274, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.6473, 0.3550, 0.3314 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(231, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 182)  
}
```

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(231, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 54.6473, 0.3550, 0.3314 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(231, 184, 182) }
```

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

```
.border{ border-color:rgb(231, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.6473, 0.3550, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 182) }
```

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

```
.background{ background-color: rgb(231,  
184, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor