

# Converting Colors

Yxy(58.8001, 0.3600, 0.3425)

Have a look what the booklet for  
Yxy(58.8001, 0.3600, 0.3425)  
contains.

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# Color

**Yxy(58.9991, 0.3599, 0.3424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC0B4
RGB	237, 192, 180
RGB Percent	93%, 75%, 71%
CMY	0.0706, 0.2470, 0.2941
CMYK	0.00, 0.19, 0.24, 0.07
HSL	13°, 61%, 82%
HSV	13°, 24%, 93%
XYZ	62.0145, 58.9991, 51.2968
YIQ	204.0870, 30.6720, 5.8080

# Conversions

## Conversions Part 2

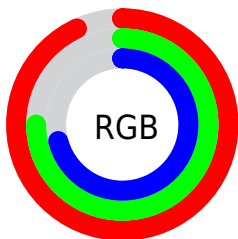
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 195, 180
Decimal	15581364
CIE <sub>Lab</sub>	81.29, 14.31, 12.12
CIE <sub>LCh</sub>	81, 18.751, 40.269
Yxy	58.9991, 0.3599, 0.3424
Android (android.graphics.Color)	4293771444 (0xFFEDC0B4)
YUV	204.0870, -11.8749, 28.8647
Hunter-Lab	76.8109, 9.6959, 14.1718

# Details

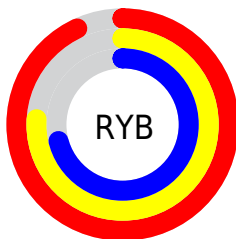
The Yxy color **58.9991, 0.3599, 0.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6693, 0.2761, 0.3152**, and the grayscale version is **60.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4509, 0.3244, 0.3407**, and **29.4126, 0.3724, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **50.4162, 0.3866, 0.3483**, and if you desaturate by 10%, it is **68.7970, 0.3377, 0.3366**.

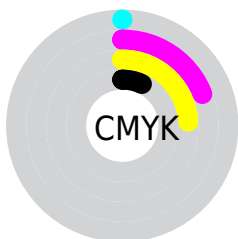
# Distribution



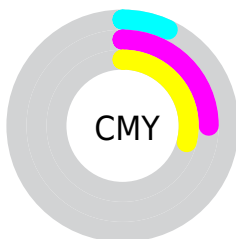
- Red (93%)
- Green (75%)
- Blue (71%)



- Red (93%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9991, 0.3599, 0.3424 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 58.9991, 0.3599, 0.3424 by changing the saturation by 10% instead.




 58.9991, 0.3599,  
0.3424

 58.9991, 0.3599,  
0.3424


420.8986, 0.3370,  
0.3364

 42.6124, 0.3654,  
0.3437

 103.3764, 0.3518,  
0.3404

 29.5811, 0.3723,  
0.3453


132.1357, 0.3487,  
0.3396

 19.5209, 0.3813,  
0.3472


165.7880, 0.3460,  
0.3389

 12.0472, 0.3934,  
0.3496

204.7178, 0.3437,  
0.3382

 6.7759, 0.4107,  
0.3525

249.3093, 0.3417,  
0.3377

 3.3223, 0.4369,  
0.3560

299.9470, 0.3400,

 1.3022, 0.4903,

0.3372

0.3655

357.0153, 0.3384,  
0.3368

0.1429, 0.7724,  
0.2276

0.0000, 0.0000,  
0.0000

58.9991, 0.3599,  
0.3424

58.9991, 0.3599,  
0.3424

50.4162, 0.3866,  
0.3483

68.7970, 0.3377,  
0.3366

42.9928, 0.4182,  
0.3540

79.8466, 0.3192,  
0.3311

36.6809, 0.4546,  
0.3588

92.1931, 0.3040,  
0.3260

31.4261, 0.4948,  
0.3620

96.7460, 0.3017,  
0.3290

■ 27.1691, 0.5361,  
0.3624

■ 23.8448, 0.5743,  
0.3592

■ 21.3794, 0.6046,  
0.3524

■ 20.2798, 0.6180,  
0.3475

# Harmonies

## Analogous

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



58.9991, 0.3481, 0.3219



58.9991, 0.3599, 0.3424



58.9991, 0.3584, 0.3605

# Triad

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



58.9991, 0.3599, 0.3424



58.9991, 0.2978, 0.3564



58.9991, 0.2811, 0.2888

# Complementary

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



58.9991, 0.3599, 0.3424



69.6693, 0.2761, 0.3152

# 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.



58.9991, 0.2688, 0.2960



58.9991, 0.3599, 0.3424



58.9991, 0.2781, 0.3349

# Square

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



58.9991, 0.3599, 0.3424



58.9991, 0.3219, 0.3699



58.9991, 0.2677, 0.3126



58.9991, 0.3021, 0.2918



# Rectangle

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



58.9991, 0.3599, 0.3424



58.9991, 0.3501, 0.3686



58.9991, 0.2677, 0.3126



58.9991, 0.2759, 0.2901

# Sweetspot

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



59.0018, 0.3599, 0.3424



90.2400, 0.3244, 0.3327



56.1165, 0.3244, 0.2804



19.1425, 0.3254, 0.3330



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.



59.0018, 0.3599, 0.3424



64.3601, 0.3728, 0.3454



72.4377, 0.3530, 0.3720



15.5680, 0.3288, 0.3340



11.2243, 0.6155, 0.3495



1.0176, 0.5894, 0.3702



# Inverse Universe

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



69.6693, 0.2761, 0.3152



79.0327, 0.2688, 0.3119



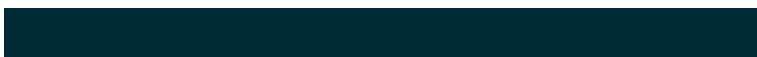
55.7958, 0.2733, 0.2819



16.5520, 0.2981, 0.3239



22.9595, 0.2055, 0.2599



1.9375, 0.2085, 0.2706



# Previews

## White Background



This preview shows how the Yxy color 58.9991, 0.3599, 0.3424 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

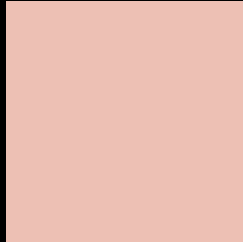
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.9991, 0.3599, 0.3424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

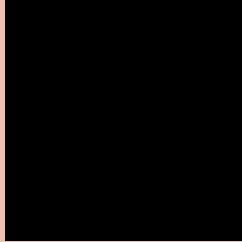
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.9991, 0.3599, 0.3424**

## Background



This preview shows how black text looks on a background with the Yxy color 58.9991, 0.3599, 0.3424.



This preview shows how white text looks on a background with the Yxy color 58.9991, 0.3599, 0.3424.

# 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

58.9991, 0.3599, 0.3424

### Protanopia

58.9777, 0.3317, 0.3479

### Deuteranopia

59.1079, 0.3541, 0.3471



## Tritanopia

59.2323, 0.3441, 0.3140

# Trichromacy



## Original Color

58.9991, 0.3599, 0.3424

## Protanomaly

59.0227, 0.3419, 0.3464

## Deuteranomaly

59.1619, 0.3568, 0.3459

## Tritanomaly

59.1178, 0.3496, 0.3237

# Monochromacy



## Original Color

58.9991, 0.3599, 0.3424

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

59.8476, 0.3291, 0.3348

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.9991, 0.3599, 0.3424 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(237, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 180)  
}
```

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(237, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 58.9991, 0.3599, 0.3424 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(237, 192, 180) }
```

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

```
.border{ border-color:rgb(237, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.9991, 0.3599, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 180) }
```

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

```
.background{ background-color: rgb(237,  
192, 180) }
```

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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