

# Converting Colors

$Yxy(52.8449, 0.3628, 0.3482)$

Have a look what the booklet for  
Yxy(52.8449, 0.3628, 0.3482)  
contains.

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# Color

**Yxy(52.6645, 0.3629, 0.3477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B7A7
RGB	225, 183, 167
RGB Percent	88%, 72%, 65%
CMY	0.1175, 0.2824, 0.3450
CMYK	0.00, 0.19, 0.26, 0.12
HSL	17°, 49%, 77%
HSV	17°, 26%, 88%
XYZ	54.9668, 52.6645, 43.8341
YIQ	193.7340, 30.1680, 3.9280

# Conversions

## Conversions Part 2

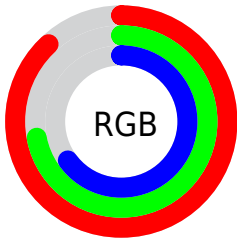
Format	Color
R <sub>Y</sub> B	225, 189, 167
Decimal	14792615
CIE Lab	77.68, 12.79, 13.83
CIE LCh	78, 18.843, 47.235
Yxy	52.6645, 0.3629, 0.3477
Android (android.graphics.Color)	4292982695 (0xFFE1B7A7)
YUV	193.7340, -13.1799, 27.4203
Hunter-Lab	72.5703, 8.2028, 14.9867

# Details

The Yxy color **52.6645, 0.3629, 0.3477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2786, 0.2733, 0.3095**, and the grayscale version is **53.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2669, 0.3342, 0.3459**, and **25.6381, 0.3769, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **45.5651, 0.3891, 0.3554**, and if you desaturate by 10%, it is **60.6927, 0.3407, 0.3401**.

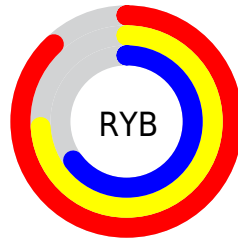
# Distribution



Red (88%)

Green (72%)

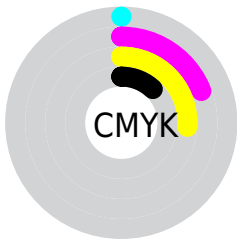
Blue (65%)



Red (88%)

Yellow (74%)

Blue (65%)

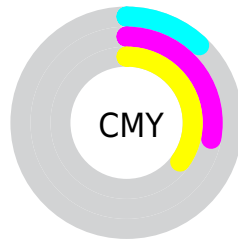


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (12%)



Cyan (12%)

Magenta (28%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6645, 0.3629, 0.3477 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 52.6645, 0.3629, 0.3477 by changing the saturation by 10% instead.





 52.6645, 0.3629,  
0.3477


 52.6645, 0.3629,  
0.3477


396.9966, 0.3381,  
0.3390

 37.5350, 0.3690,  
0.3497


 94.1105, 0.3540,  
0.3447

 25.6220, 0.3767,  
0.3521


 121.1958, 0.3506,  
0.3435

 16.5411, 0.3869,  
0.3550


153.0352, 0.3477,  
0.3425

 9.9078, 0.4008,  
0.3588

190.0130, 0.3453,  
0.3416

 5.3379, 0.4210,  
0.3636

232.5136, 0.3431,  
0.3409

 2.4468, 0.4526,  
0.3696

280.9215, 0.3413,

 0.8498, 0.5754,

0.3402

0.4246

335.6210, 0.3396,  
0.3396

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.6645, 0.3629,  
0.3477

52.6645, 0.3629,  
0.3477

45.5651, 0.3891,  
0.3554

60.6927, 0.3407,  
0.3401

39.3532, 0.4197,  
0.3627

69.6746, 0.3221,  
0.3329

33.9951, 0.4544,  
0.3689

79.6432, 0.3065,  
0.3262

29.4521, 0.4920,  
0.3730

90.4964, 0.2945,  
0.3221

■ 25.6823, 0.5303,  
0.3738

■ 94.7517, 0.2946,  
0.3289

■ 22.6397, 0.5657,  
0.3703

■ 20.2722, 0.5941,  
0.3624

■ 19.4552, 0.6041,  
0.3585

# Harmonies

## Analogous

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



52.6645, 0.3537, 0.3265



52.6645, 0.3629, 0.3477



52.6645, 0.3580, 0.3652

# Triad

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



52.6645, 0.3629, 0.3477



52.6645, 0.2917, 0.3529



52.6645, 0.2842, 0.2869

# Complementary

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



52.6645, 0.3629, 0.3477



59.2786, 0.2733, 0.3095

# 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.



52.6645, 0.2690, 0.2919



52.6645, 0.3629, 0.3477



52.6645, 0.2732, 0.3295

# Square

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



52.6645, 0.3629, 0.3477



52.6645, 0.3164, 0.3695



52.6645, 0.2650, 0.3071



52.6645, 0.3075, 0.2924



# Rectangle

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



52.6645, 0.3629, 0.3477



52.6645, 0.3476, 0.3722



52.6645, 0.2650, 0.3071



52.6645, 0.2780, 0.2874

# Sweetspot

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



52.6669, 0.3629, 0.3477



89.6844, 0.3260, 0.3345



48.2858, 0.3287, 0.2811



18.8012, 0.3287, 0.3356



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.



52.6669, 0.3629, 0.3477



64.6549, 0.3766, 0.3519



65.6347, 0.3550, 0.3792



14.3119, 0.3285, 0.3355



11.3765, 0.6014, 0.3607



0.9361, 0.5709, 0.3849

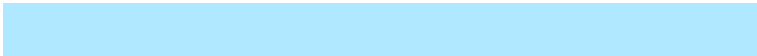


# Inverse Universe

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



59.2786, 0.2733, 0.3095



74.8499, 0.2652, 0.3047



46.5202, 0.2699, 0.2732



14.9005, 0.2982, 0.3224



18.4367, 0.1992, 0.2372



1.4253, 0.2036, 0.2531



# Previews

## White Background



This preview shows how the Yxy color 52.6645, 0.3629, 0.3477 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

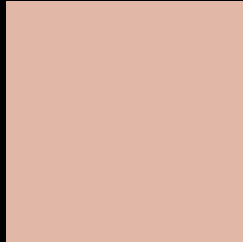
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.6645, 0.3629, 0.3477 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 52.6645, 0.3629, 0.3477**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.6645, 0.3629, 0.3477.



This preview shows how white text looks on a background with the Yxy color 52.6645, 0.3629, 0.3477.

# 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

52.6645, 0.3629, 0.3477

### Protanopia

52.9189, 0.3356, 0.3551

### Deuteranopia

52.7036, 0.3579, 0.3503



## Tritanopia

52.5844, 0.3439, 0.3132

# Trichromacy



**Original Color**

52.6645, 0.3629, 0.3477

**Protanomaly**

52.8528, 0.3447, 0.3521

**Deuteranomaly**

52.6006, 0.3599, 0.3491

**Tritanomaly**

52.4341, 0.3506, 0.3245

# Monochromacy



**Original Color**

52.6645, 0.3629, 0.3477

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

53.2667, 0.3298, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.6645, 0.3629, 0.3477 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(225, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 167)  
}
```

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(225, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 167) }
```

## Border

The CSS property to change the border of an element to Yxy 52.6645, 0.3629, 0.3477 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(225, 183, 167) }
```

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

```
.border{ border-color:rgb(225, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 183, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 183, 167); box-shadow:4px 4px 4px 4px rgb(225, 183, 167) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.6645, 0.3629, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 167) }
```

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

```
.background{ background-color: rgb(225,  
183, 167) }
```

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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