

# Converting Colors

$Y_{xy}(60.1955, 0.3548, 0.3527)$

Have a look what the booklet for  
Yxy(60.1955, 0.3548, 0.3527)  
contains.

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# Color

**Yxy(60.3855, 0.3549, 0.3527)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6C6B1
RGB	230, 198, 177
RGB Percent	90%, 78%, 69%
CMY	0.0981, 0.2235, 0.3058
CMYK	0.00, 0.14, 0.23, 0.10
HSL	24°, 51%, 80%
HSV	24°, 23%, 90%
XYZ	60.7622, 60.3855, 50.0616
YIQ	205.1740, 25.8130, 0.2530

# Conversions

## Conversions Part 2

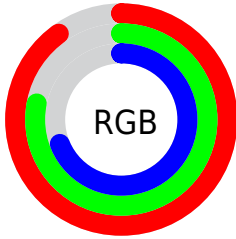
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 212, 177
Decimal	15124145
CIE <sub>Lab</sub>	82.05, 8.11, 14.68
CIE <sub>LCh</sub>	82, 16.774, 61.090
Yxy	60.3855, 0.3549, 0.3527
Android (android.graphics.Color)	4293314225 (0xFFE6C6B1)
YUV	205.1740, -13.8898, 21.7724
Hunter-Lab	77.7081, 3.5850, 16.1995

# Details

The Yxy color  $60.3855, 0.3549, 0.3527$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $60.6675, 0.2767, 0.3040$ , and the grayscale version is  $61.2465, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $98.6632, 0.3256, 0.3503$ , and  $30.4004, 0.3665, 0.3586$  is the 20% darker color. If you saturate the color by 10%, you get  $53.4860, 0.3782, 0.3636$ , and if you desaturate by 10%, it is  $68.0272, 0.3347, 0.3420$ .

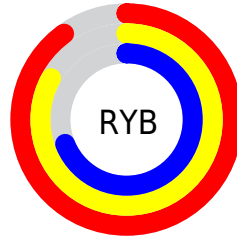
# Distribution



Red (90%)

Green (78%)

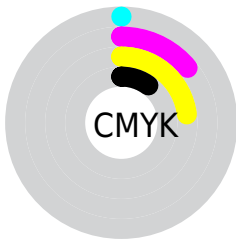
Blue (69%)



Red (90%)

Yellow (83%)

Blue (69%)

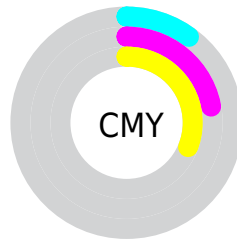


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (10%)



Cyan (10%)

Magenta (22%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3855, 0.3549, 0.3527 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 60.3855, 0.3549, 0.3527 by changing the saturation by 10% instead.




 60.3855, 0.3549,  
0.3527

 60.3855, 0.3549,  
0.3527


426.0173, 0.3346,  
0.3417

 43.7294, 0.3597,  
0.3552


 105.3887, 0.3477,  
0.3489

 30.4579, 0.3658,  
0.3583


134.5046, 0.3449,  
0.3474

 20.1864, 0.3737,  
0.3622


168.5426, 0.3426,  
0.3461

 12.5306, 0.3842,  
0.3673

207.8870, 0.3406,  
0.3450

 7.1061, 0.3990,  
0.3741

252.9223, 0.3388,  
0.3440

 3.5286, 0.4213,  
0.3835

304.0328, 0.3372,

 1.4135, 0.4702,

0.3431

0.4072

361.6030, 0.3358,  
0.3424

0.2266, 0.6459,  
0.3541

0.0000, 0.0000,  
0.0000

60.3855, 0.3549,  
0.3527

60.3855, 0.3549,  
0.3527

53.4860, 0.3782,  
0.3636

68.0272, 0.3347,  
0.3420

47.2972, 0.4048,  
0.3743

76.4252, 0.3174,  
0.3319

41.7971, 0.4344,  
0.3840

85.6032, 0.3026,  
0.3225

36.9596, 0.4663,  
0.3916

94.6451, 0.2975,  
0.3275

■ 32.7564, 0.4990,  
0.3958

■ 95.5610, 0.2976,  
0.3290

■ 29.1566, 0.5301,  
0.3954

■ 26.1258, 0.5572,  
0.3897

■ 24.3220, 0.5731,  
0.3832

# Harmonies

## Analogous

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



60.3855, 0.3525, 0.3355



60.3855, 0.3549, 0.3527



60.3855, 0.3456, 0.3644

# Triad

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



60.3855, 0.3549, 0.3527



60.3855, 0.2866, 0.3405



60.3855, 0.2970, 0.2941

# Complementary

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



60.3855, 0.3549, 0.3527



60.6675, 0.2767, 0.3040

# 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.



60.3855, 0.2803, 0.2942



60.3855, 0.3549, 0.3527



60.3855, 0.2745, 0.3203

# Square

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



60.3855, 0.3549, 0.3527



60.3855, 0.3059, 0.3579



60.3855, 0.2722, 0.3035



60.3855, 0.3185, 0.3025



# Rectangle

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



60.3855, 0.3549, 0.3527



60.3855, 0.3342, 0.3671



60.3855, 0.2722, 0.3035



60.3855, 0.2907, 0.2931

# Sweetspot

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



60.3882, 0.3549, 0.3527



92.2178, 0.3241, 0.3359



52.9137, 0.3318, 0.2928



19.5997, 0.3251, 0.3365



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.



60.3882, 0.3549, 0.3527



71.7335, 0.3664, 0.3583



73.2054, 0.3488, 0.3801



15.3001, 0.3283, 0.3384



13.9943, 0.5703, 0.3854



1.2113, 0.5435, 0.4066



# Inverse Universe

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



60.6675, 0.2767, 0.3040



72.1433, 0.2687, 0.2977



49.0150, 0.2742, 0.2721



15.3279, 0.2981, 0.3195



13.9147, 0.1873, 0.1941



1.2084, 0.1933, 0.2158



# Previews

## White Background



This preview shows how the Yxy color 60.3855, 0.3549, 0.3527 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

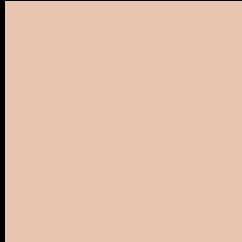
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.3855, 0.3549, 0.3527 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

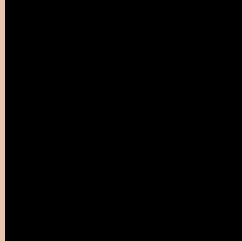
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.3855, 0.3549, 0.3527**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.3855, 0.3549, 0.3527.



This preview shows how white text looks on a background with the Yxy color 60.3855, 0.3549, 0.3527.

# 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

60.3855, 0.3549, 0.3527

### Protanopia

60.6272, 0.3374, 0.3571

### Deuteranopia

60.5993, 0.3585, 0.3514



## Tritanopia

60.1864, 0.3345, 0.3127

# Trichromacy



## Original Color

60.3855, 0.3549, 0.3527

## Protanomaly

60.5558, 0.3434, 0.3556

## Deuteranomaly

60.4305, 0.3577, 0.3514

## Tritanomaly

60.3851, 0.3421, 0.3269

# Monochromacy



## Original Color

60.3855, 0.3549, 0.3527

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

60.4773, 0.3272, 0.3371

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.3855, 0.3549, 0.3527 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(230, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 198, 177)  
}
```

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(230, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 198, 177) }
```

## Border

The CSS property to change the border of an element to Yxy 60.3855, 0.3549, 0.3527 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(230, 198, 177) }
```

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

```
.border{ border-color:rgb(230, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 198, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 198, 177); box-shadow:4px 4px 4px 4px rgb(230, 198, 177) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.3855, 0.3549, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 198, 177) }
```

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

```
.background{ background-color: rgb(230,  
198, 177) }
```

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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