

# Converting Colors

$Yxy(60.2510, 0.3408, 0.3547)$

Have a look what the booklet for  
Yxy(60.2510, 0.3408, 0.3547)  
contains.

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# Color

**Yxy(60.2881, 0.3410, 0.3546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9CAB4
RGB	217, 202, 180
RGB Percent	85%, 79%, 71%
CMY	0.1490, 0.2078, 0.2942
CMYK	0.00, 0.07, 0.17, 0.15
HSL	36°, 33%, 78%
HSV	36°, 17%, 85%
XYZ	57.9759, 60.2881, 51.7532
YIQ	203.9770, 16.0020, -3.6620

# Conversions

## Conversions Part 2

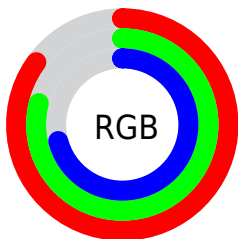
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 217, 180
Decimal	14273204
CIE Lab	81.99, 1.65, 12.87
CIE LCh	82, 12.978, 82.699
Yxy	60.2881, 0.3410, 0.3546
Android (android.graphics.Color)	4292463284 (0xFFD9CAB4)
YUV	203.9770, -11.8207, 11.4212
Hunter-Lab	77.6454, -2.5980, 14.8330

# Details

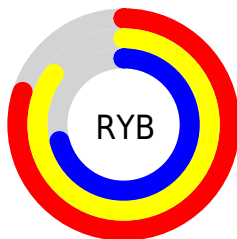
The Yxy color **60.2881, 0.3410, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7420, 0.2858, 0.3020**, and the grayscale version is **60.4387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.3935, 0.3486, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **55.4625, 0.3602, 0.3704**, and if you desaturate by 10%, it is **65.4930, 0.3238, 0.3393**.

# Distribution



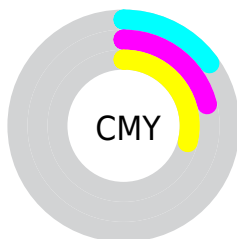
- Red (85%)
- Green (79%)
- Blue (71%)



- Red (80%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2881, 0.3410, 0.3546 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 60.2881, 0.3410, 0.3546 by changing the saturation by 10% instead.




 60.2881, 0.3410,  
0.3546

 60.2881, 0.3410,  
0.3546


425.6589, 0.3274,  
0.3424

 43.6509, 0.3442,  
0.3575


 105.2475, 0.3362,  
0.3503

 30.3961, 0.3483,  
0.3611


134.3384, 0.3344,  
0.3487

 20.1395, 0.3535,  
0.3657


168.3494, 0.3328,  
0.3472

 12.4965, 0.3604,  
0.3718

207.6649, 0.3314,  
0.3460

 7.0827, 0.3702,  
0.3804

252.6692, 0.3302,  
0.3449

 3.5139, 0.3850,  
0.3930

303.7466, 0.3292,

 1.4055, 0.4163,

0.3440

0.4205

361.2818, 0.3283,  
0.3432

0.2208, 0.5311,  
0.4689

0.0000, 0.0000,  
0.0000

60.2881, 0.3410,  
0.3546

60.2881, 0.3410,  
0.3546

55.4625, 0.3602,  
0.3704

65.4930, 0.3238,  
0.3393

50.9978, 0.3812,  
0.3863

71.0789, 0.3084,  
0.3248

46.8858, 0.4038,  
0.4015

77.0579, 0.2948,  
0.3113

43.1147, 0.4273,  
0.4150

82.6559, 0.2893,  
0.3105

■ 39.6722, 0.4509,  
0.4259

■ 87.8821, 0.2897,  
0.3197

■ 36.5442, 0.4733,  
0.4327

■ 93.3619, 0.2900,  
0.3287

■ 33.7153, 0.4933,  
0.4346

■ 93.4939, 0.2900,  
0.3289

■ 31.1661, 0.5099,  
0.4312

■ 30.4623, 0.5145,  
0.4297

# Harmonies

## Analogous

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



60.2881, 0.3457, 0.3441



60.2881, 0.3410, 0.3546



60.2881, 0.3286, 0.3584

# Triad

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



60.2881, 0.3410, 0.3546



60.2881, 0.2849, 0.3267



60.2881, 0.3125, 0.3058

# Complementary

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



60.2881, 0.3410, 0.3546



53.7420, 0.2858, 0.3020

# 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.



60.2881, 0.2964, 0.3010



60.2881, 0.3410, 0.3546



60.2881, 0.2808, 0.3126

# Square

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



60.2881, 0.3410, 0.3546



60.2881, 0.2963, 0.3421



60.2881, 0.2850, 0.3033



60.2881, 0.3290, 0.3163



# Rectangle

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



60.2881, 0.3410, 0.3546



60.2881, 0.3179, 0.3563



60.2881, 0.2850, 0.3033



60.2881, 0.3069, 0.3035

# Sweetspot

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



60.2908, 0.3410, 0.3546



95.9519, 0.3205, 0.3363



51.3500, 0.3322, 0.3111



20.4183, 0.3216, 0.3374



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

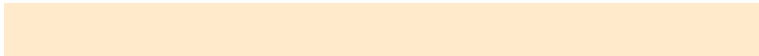


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2908, 0.3410, 0.3546



84.6494, 0.3468, 0.3595



67.2133, 0.3359, 0.3715



14.3323, 0.3277, 0.3429



18.6499, 0.5127, 0.4311



1.3758, 0.4935, 0.4464



# Inverse Universe

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



53.7420, 0.2858, 0.3020



73.7333, 0.2806, 0.2965



47.7239, 0.2873, 0.2833



13.4796, 0.2982, 0.3147



7.4508, 0.1691, 0.1287

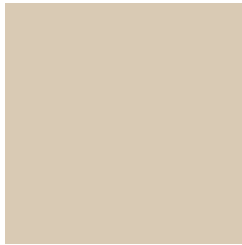


0.6491, 0.1781, 0.1611



# Previews

## White Background



This preview shows how the Yxy color 60.2881, 0.3410, 0.3546 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

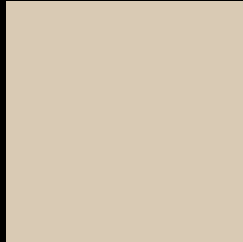
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.2881, 0.3410, 0.3546 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

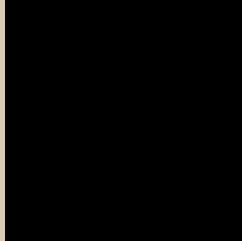
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.2881, 0.3410, 0.3546**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.2881, 0.3410, 0.3546.



This preview shows how white text looks on a background with the Yxy color 60.2881, 0.3410, 0.3546.

# 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

60.2881, 0.3410, 0.3546

### Protanopia

60.1942, 0.3368, 0.3548

### Deuteranopia

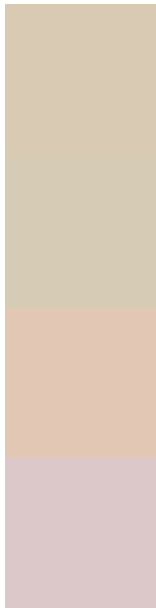
60.4245, 0.3536, 0.3470



## Tritanopia

60.1088, 0.3199, 0.3111

# Trichromacy



## Original Color

60.2881, 0.3410, 0.3546

## Protanomaly

60.3442, 0.3376, 0.3547

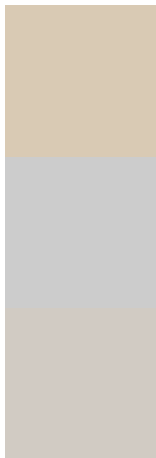
## Deuteranomaly

60.5139, 0.3490, 0.3495

## Tritanomaly

60.2795, 0.3279, 0.3268

# Monochromacy



## Original Color

60.2881, 0.3410, 0.3546

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.2073, 0.3232, 0.3384

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.2881, 0.3410, 0.3546 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(217, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 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(217, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 60.2881, 0.3410, 0.3546 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(217, 202, 180) }
```

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

```
.border{ border-color:rgb(217, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.2881, 0.3410, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 180) }
```

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

```
.background{ background-color: rgb(217,  
202, 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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