

# Converting Colors

Yxy(61.0558, 0.3382, 0.3442)

Have a look what the booklet for  
Yxy(61.0558, 0.3382, 0.3442)  
contains.

<b>Yxy(61.2441, 0.3381, 0.3450)</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(61.2441, 0.3381, 0.3450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDCABC
RGB	221, 202, 188
RGB Percent	87%, 79%, 74%
CMY	0.1333, 0.2078, 0.2626
CMYK	0.00, 0.09, 0.15, 0.13
HSL	25°, 33%, 80%
HSV	25°, 15%, 87%
XYZ	60.0192, 61.2441, 56.2558
YIQ	206.0850, 15.8180, -0.3260

# Conversions

## Conversions Part 2

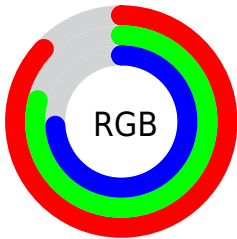
Format	Color
R <sub>Y</sub> B	221, 212, 188
Decimal	14535356
CIE Lab	82.51, 4.35, 9.36
CIE LCh	83, 10.323, 65.061
Yxy	61.2441, 0.3381, 0.3450
Android (android.graphics.Color)	4292725436 (0xFFDDCABC)
YUV	206.0850, -8.9159, 13.0805
Hunter-Lab	78.2586, -0.0548, 12.1607

# Details

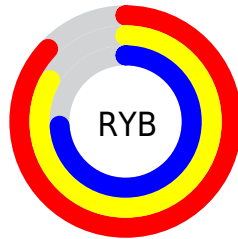
The Yxy color **61.2441, 0.3381, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5591, 0.2896, 0.3125**, and the grayscale version is **61.8322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **31.0361, 0.3447, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **54.6326, 0.3585, 0.3564**, and if you desaturate by 10%, it is **68.5004, 0.3205, 0.3341**.

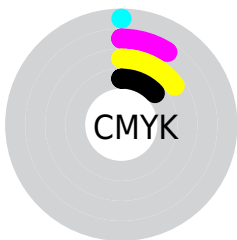
# Distribution



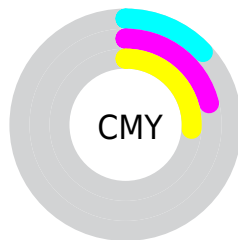
- Red (87%)
- Green (79%)
- Blue (74%)



- Red (87%)
- Yellow (83%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (13%)




- Cyan (13%)
- Magenta (21%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2441, 0.3381, 0.3450 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 61.2441, 0.3381, 0.3450 by changing the saturation by 10% instead.




 61.2441, 0.3381,  
0.3450

 61.2441, 0.3381,  
0.3450

429.1684, 0.3259,  
0.3375

 44.4222, 0.3410,  
0.3468


 106.6323, 0.3338,  
0.3424

 31.0026, 0.3446,  
0.3489


135.9674, 0.3321,  
0.3413

 20.6008, 0.3493,  
0.3517


170.2423, 0.3307,  
0.3405

 12.8325, 0.3556,  
0.3554

209.8415, 0.3295,  
0.3397

 7.3133, 0.3645,  
0.3605

255.1493, 0.3284,  
0.3390

 3.6588, 0.3780,  
0.3680

306.5501, 0.3275,

 1.4846, 0.4012,

0.3385

364.4284, 0.3267,  
0.3379

0.3802

0.2778, 0.5713,  
0.4287

0.0000, 0.0000,  
0.0000

61.2441, 0.3381,  
0.3450

61.2441, 0.3381,  
0.3450

54.6326, 0.3585,  
0.3564

68.5004, 0.3205,  
0.3341

48.6392, 0.3819,  
0.3680

76.4110, 0.3053,  
0.3239

43.2472, 0.4083,  
0.3793

84.9954, 0.2922,  
0.3145

38.4361, 0.4374,  
0.3893

92.8112, 0.2922,  
0.3269

■ 34.1839, 0.4682,  
0.3971

■ 94.1120, 0.2923,  
0.3289

■ 30.4669, 0.4994,  
0.4012

■ 27.2593, 0.5286,  
0.4004

■ 24.5317, 0.5536,  
0.3943

■ 23.3117, 0.5648,  
0.3897

# Harmonies

## Analogous

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



61.2441, 0.3376, 0.3348



61.2441, 0.3381, 0.3450



61.2441, 0.3317, 0.3512

# Triad

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



61.2441, 0.3381, 0.3450



61.2441, 0.2954, 0.3345



61.2441, 0.3048, 0.3077

# Complementary

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



61.2441, 0.3381, 0.3450



60.5591, 0.2896, 0.3125

# 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.



61.2441, 0.2938, 0.3072



61.2441, 0.3381, 0.3450



61.2441, 0.2885, 0.3224

# Square

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



61.2441, 0.3381, 0.3450



61.2441, 0.3069, 0.3453



61.2441, 0.2879, 0.3125



61.2441, 0.3182, 0.3135



# Rectangle

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



61.2441, 0.3381, 0.3450



61.2441, 0.3244, 0.3521



61.2441, 0.2879, 0.3125



61.2441, 0.3008, 0.3069

# Sweetspot

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



61.2468, 0.3381, 0.3450



95.6668, 0.3190, 0.3332



55.8729, 0.3250, 0.3072



20.3058, 0.3203, 0.3340



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

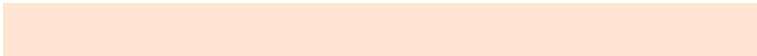


# Same Dimension

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



61.2468, 0.3381, 0.3450



81.6563, 0.3444, 0.3486



69.2782, 0.3354, 0.3629



13.9538, 0.3281, 0.3389



13.7562, 0.5622, 0.3918



1.0595, 0.5334, 0.4147

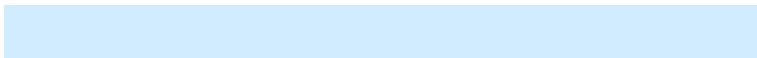


# Inverse Universe

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



60.5591, 0.2896, 0.3125



80.5241, 0.2844, 0.3085



53.0847, 0.2888, 0.2927



13.8572, 0.2982, 0.3189



12.1348, 0.1846, 0.1847

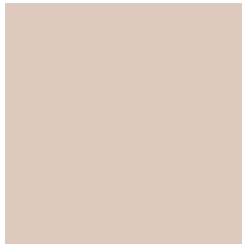


0.9555, 0.1918, 0.2105



# Previews

## White Background



This preview shows how the Yxy color 61.2441, 0.3381, 0.3450 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 61.2441, 0.3381, 0.3450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

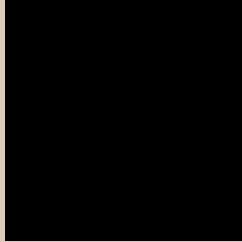
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.2441, 0.3381, 0.3450**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.2441, 0.3381, 0.3450.



This preview shows how white text looks on a background with the Yxy color 61.2441, 0.3381, 0.3450.

# 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

61.2441, 0.3381, 0.3450

### Protanopia

61.4829, 0.3305, 0.3476

### Deuteranopia

61.0512, 0.3462, 0.3391



## Tritanopia

61.0905, 0.3214, 0.3113

# Trichromacy



## Original Color

61.2441, 0.3381, 0.3450

## Protanomaly

61.4588, 0.3330, 0.3463

## Deuteranomaly

60.8519, 0.3428, 0.3403

## Tritanomaly

60.9426, 0.3272, 0.3223

# Monochromacy



## Original Color

61.2441, 0.3381, 0.3450

## Achromatopsia

61.7207, 0.3127, 0.3290

## Achromatomaly

61.6350, 0.3216, 0.3360

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.2441, 0.3381, 0.3450 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(221, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 188)  
}
```

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(221, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 61.2441, 0.3381, 0.3450 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(221, 202, 188) }
```

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

```
.border{ border-color:rgb(221, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 202, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 202, 188); box-shadow:4px 4px 4px 4px rgb(221, 202, 188) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.2441, 0.3381, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 188) }
```

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

```
.background{ background-color: rgb(221,  
202, 188) }
```

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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