

# Converting Colors

Yxy(50.6661, 0.3476, 0.3483)

Have a look what the booklet for  
Yxy(50.6661, 0.3476, 0.3483)  
contains.

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# **Color**

**Yxy(50.6634, 0.3475, 0.3486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1B8A8
RGB	209, 184, 168
RGB Percent	82%, 72%, 66%
CMY	0.1804, 0.2784, 0.3411
CMYK	0.00, 0.12, 0.20, 0.18
HSL	23°, 31%, 74%
HSV	23°, 20%, 82%
XYZ	50.5035, 50.6634, 44.1670
YIQ	189.6510, 20.0360, 0.3240

# Conversions

## Conversions Part 2

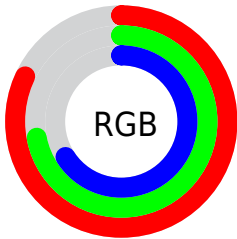
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 194, 168
Decimal	13744296
CIE <sub>Lab</sub>	76.47, 6.38, 11.39
CIE <sub>LCh</sub>	76, 13.054, 60.742
Yxy	50.6634, 0.3475, 0.3486
Android (android.graphics.Color)	4291934376 (0xFFD1B8A8)
YUV	189.6510, -10.6739, 16.9691
Hunter-Lab	71.1782, 2.0903, 13.0346

# Details

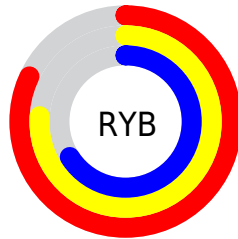
The Yxy color **50.6634, 0.3475, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0721, 0.2823, 0.3086**, and the grayscale version is **51.3367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **24.3636, 0.3570, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **44.8893, 0.3696, 0.3593**, and if you desaturate by 10%, it is **57.0443, 0.3285, 0.3383**.

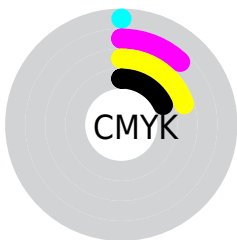
# Distribution



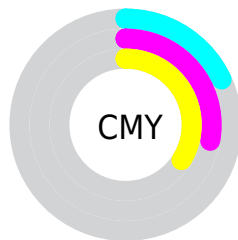
- Red (82%)
- Green (72%)
- Blue (66%)



- Red (82%)
- Yellow (76%)
- Blue (66%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6634, 0.3475, 0.3486 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 50.6634, 0.3475, 0.3486 by changing the saturation by 10% instead.





 50.6634, 0.3475,  
0.3486


 50.6634, 0.3475,  
0.3486


389.2546, 0.3303,  
0.3391

 35.9408, 0.3518,  
0.3509


 91.1570, 0.3413,  
0.3452

 24.3885, 0.3572,  
0.3537


 117.6968, 0.3389,  
0.3440

 15.6220, 0.3644,  
0.3574


148.9445, 0.3369,  
0.3429

 9.2571, 0.3743,  
0.3623

185.2844, 0.3352,  
0.3419

 4.9093, 0.3888,  
0.3691

227.1010, 0.3337,  
0.3411

 2.1941, 0.4120,  
0.3792

274.7786, 0.3324,

 0.7168, 0.5387,

0.3404

0.4613

328.7017, 0.3313,  
0.3397

0.0000, 0.0000,  
0.0000

50.6634, 0.3475,  
0.3486

50.6634, 0.3475,  
0.3486

44.8893, 0.3696,  
0.3593

57.0443, 0.3285,  
0.3383

39.6967, 0.3950,  
0.3699

64.0429, 0.3121,  
0.3286

35.0684, 0.4235,  
0.3798

71.6783, 0.2982,  
0.3197

30.9837, 0.4548,  
0.3881

79.9666, 0.2862,  
0.3114

27.4203, 0.4875,  
0.3936

87.7438, 0.2851,  
0.3214

■ 24.3542, 0.5196,  
0.3950

■ 92.2954, 0.2855,  
0.3289

■ 21.7588, 0.5487,  
0.3913

■ 19.5985, 0.5729,  
0.3829

■ 19.5225, 0.5738,  
0.3826

# Harmonies

## Analogous

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



50.6634, 0.3454, 0.3344



50.6634, 0.3475, 0.3486



50.6634, 0.3400, 0.3582

# Triad

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



50.6634, 0.3475, 0.3486



50.6634, 0.2913, 0.3387



50.6634, 0.2996, 0.2999

# Complementary

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



50.6634, 0.3475, 0.3486



51.0721, 0.2823, 0.3086

# 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.



50.6634, 0.2858, 0.3003



50.6634, 0.3475, 0.3486



50.6634, 0.2811, 0.3222

# Square

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



50.6634, 0.3475, 0.3486



50.6634, 0.3074, 0.3528



50.6634, 0.2791, 0.3082



50.6634, 0.3174, 0.3068



# Rectangle

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



50.6634, 0.3475, 0.3486



50.6634, 0.3307, 0.3603



50.6634, 0.2791, 0.3082



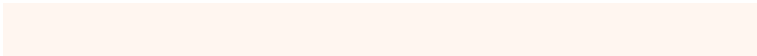
50.6634, 0.2944, 0.2992

# Sweetspot

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



50.6657, 0.3475, 0.3486



93.2444, 0.3224, 0.3348



45.4274, 0.3284, 0.2986



19.8054, 0.3235, 0.3355



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.



50.6657, 0.3475, 0.3486



75.1230, 0.3574, 0.3535



59.6727, 0.3431, 0.3721



12.5540, 0.3281, 0.3381



12.2158, 0.5712, 0.3846



0.8355, 0.5373, 0.4116



# Inverse Universe

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



51.0721, 0.2823, 0.3086



75.8820, 0.2750, 0.3031



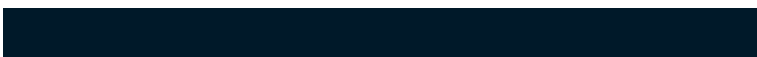
42.7368, 0.2807, 0.2819



12.6003, 0.2983, 0.3197



12.4654, 0.1880, 0.1968



0.8488, 0.1955, 0.2237



# Previews

## White Background



This preview shows how the Yxy color 50.6634, 0.3475, 0.3486 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

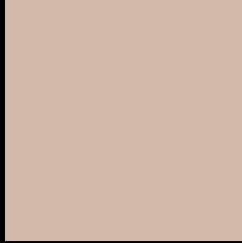
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 50.6634, 0.3475, 0.3486 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

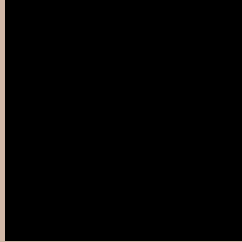
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 50.6634, 0.3475, 0.3486**

## **Background**



This preview shows how black text looks on a background with the Yxy color 50.6634, 0.3475, 0.3486.



This preview shows how white text looks on a background with the Yxy color 50.6634, 0.3475, 0.3486.

# 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

50.6634, 0.3475, 0.3486

### Protanopia

50.7390, 0.3345, 0.3517

### Deuteranopia

50.5792, 0.3524, 0.3460



## Tritanopia

50.5346, 0.3290, 0.3125

# Trichromacy



## Original Color

50.6634, 0.3475, 0.3486

## Protanomaly

50.8227, 0.3390, 0.3515

## Deuteranomaly

50.6912, 0.3504, 0.3473

## Tritanomaly

50.3994, 0.3355, 0.3243

# Monochromacy



## Original Color

50.6634, 0.3475, 0.3486

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.2142, 0.3249, 0.3365

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 50.6634, 0.3475, 0.3486 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(209, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 168)  
}
```

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(209, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 168) }
```

## Border

The CSS property to change the border of an element to Yxy 50.6634, 0.3475, 0.3486 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(209, 184, 168) }
```

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

```
.border{ border-color:rgb(209, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
168) }
```



# Background

The CSS property to change the background color of an element to Yxy 50.6634, 0.3475, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 168) }
```

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

```
.background{ background-color: rgb(209,  
184, 168) }
```

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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