

# Converting Colors

Yxy(66.9961, 0.3302, 0.3658)

Have a look what the booklet for  
Yxy(66.9961, 0.3302, 0.3658)  
contains.

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# Color

**Yxy(66.9774, 0.3301, 0.3659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D9B9
RGB	211, 217, 185
RGB Percent	83%, 85%, 73%
CMY	0.1727, 0.1489, 0.2745
CMYK	0.03, 0.00, 0.15, 0.15
HSL	71°, 30%, 79%
HSV	71°, 15%, 85%
XYZ	60.4243, 66.9774, 55.6467
YIQ	211.5580, 6.6960, -11.2240

# Conversions

## Conversions Part 2

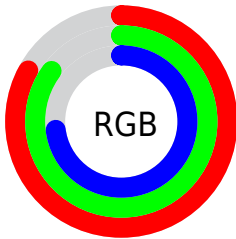
Format	Color
<a href="#">RYB</a>	<a href="#">185, 217, 191</a>
Decimal	<a href="#">13883833</a>
CIELab	<a href="#">85.49, -7.54, 15.08</a>
CIElCh	<a href="#">85, 16.864, 116.562</a>
Yxy	<a href="#">66.9774, 0.3301, 0.3659</a>
Android (android.graphics.Color)	<a href="#">4292073913 (0xFFD3D9B9)</a>
YUV	<a href="#">211.5580, -13.0931, -0.4894</a>
Hunter-Lab	<a href="#">81.8397, -11.4286, 16.9737</a>

# Details

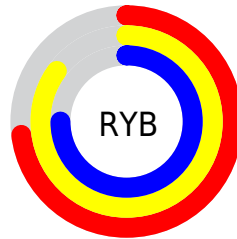
The Yxy color **66.9774, 0.3301, 0.3659** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7990, 0.2937, 0.2904**, and the grayscale version is **65.6125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **34.5745, 0.3338, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **65.5330, 0.3420, 0.3922**, and if you desaturate by 10%, it is **68.5831, 0.3182, 0.3406**.

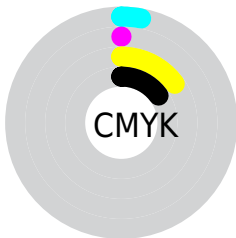
# Distribution



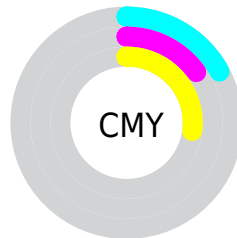
- Red (83%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9774, 0.3301, 0.3659 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 66.9774, 0.3301, 0.3659 by changing the saturation by 10% instead.




 66.9774, 0.3301,  
0.3659

 66.9774, 0.3301,  
0.3659


449.8643, 0.3221,  
0.3483

 49.0663, 0.3319,  
0.3700


 114.8880, 0.3273,  
0.3597

 34.6720, 0.3342,  
0.3752


145.6563, 0.3262,  
0.3573

 23.4104, 0.3370,  
0.3819


181.4791, 0.3253,  
0.3553

 14.8968, 0.3407,  
0.3908

222.7408, 0.3245,  
0.3535

 8.7470, 0.3456,  
0.4033

269.8257, 0.3238,  
0.3520

 4.5765, 0.3524,  
0.4219

323.1184, 0.3231,

 2.0010, 0.3628,

0.3506

0.4531

383.0031, 0.3226,  
0.3494

0.6081, 0.3931,  
0.6069

0.0000, 0.0000,  
0.0000

66.9774, 0.3301,  
0.3659

66.9774, 0.3301,  
0.3659

65.5330, 0.3420,  
0.3922

68.5831, 0.3182,  
0.3406

64.2347, 0.3534,  
0.4186


70.3473, 0.3067,  
0.3166


63.0785, 0.3640,  
0.4445


72.2787, 0.2957,  
0.2944

62.0569, 0.3731,  
0.4685


73.2517, 0.2955,  
0.2898


 61.1615, 0.3802,  
0.4898


 73.9300, 0.2982,  
0.2902

 60.3830, 0.3849,  
0.5073


 74.6245, 0.3010,  
0.2905


 59.7108, 0.3871,  
0.5203

 75.3351, 0.3039,  
0.2908

 59.1315, 0.3867,  
0.5287

 76.0620, 0.3067,  
0.2911

 58.8529, 0.3858,  
0.5318

 76.8054, 0.3095,  
0.2915

# Harmonies

## Analogous

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



66.9774, 0.3467, 0.3622



66.9774, 0.3301, 0.3659



66.9774, 0.3093, 0.3589

# Triad

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



66.9774, 0.3301, 0.3659



66.9774, 0.2730, 0.3063



66.9774, 0.3356, 0.3152

# Complementary

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



66.9774, 0.3301, 0.3659



50.7990, 0.2937, 0.2904

# 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.



66.9774, 0.3151, 0.3015



66.9774, 0.3301, 0.3659



66.9774, 0.2794, 0.2960

# Square

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



66.9774, 0.3301, 0.3659



66.9774, 0.2767, 0.3235



66.9774, 0.2946, 0.2945



66.9774, 0.3500, 0.3326



# Rectangle

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



66.9774, 0.3301, 0.3659



66.9774, 0.2958, 0.3491



66.9774, 0.2946, 0.2945



66.9774, 0.3291, 0.3101

# Sweetspot

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



66.9803, 0.3301, 0.3659



98.9956, 0.3174, 0.3388



55.4662, 0.3391, 0.3359



21.1496, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

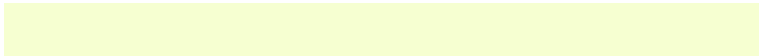


# Same Dimension

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



66.9803, 0.3301, 0.3659



95.7759, 0.3342, 0.3748



64.7600, 0.3183, 0.3673



15.1327, 0.3238, 0.3523



35.6633, 0.3863, 0.5314



2.3432, 0.3920, 0.5269



# Inverse Universe

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



50.7990, 0.2937, 0.2904



67.7443, 0.2888, 0.2805



52.9613, 0.3062, 0.2918



12.7353, 0.3010, 0.3050



3.3537, 0.1593, 0.0651

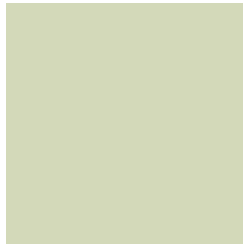


0.2526, 0.1742, 0.0733



# Previews

## White Background



This preview shows how the Yxy color 66.9774, 0.3301, 0.3659 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

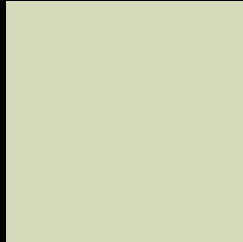
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 66.9774, 0.3301, 0.3659 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

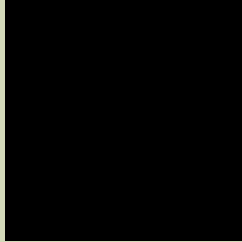
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

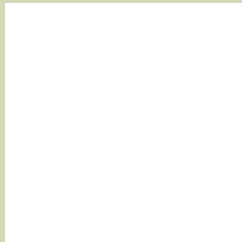
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 66.9774, 0.3301, 0.3659**

## Background



This preview shows how black text looks on a background with the Yxy color 66.9774, 0.3301, 0.3659.



This preview shows how white text looks on a background with the Yxy color 66.9774, 0.3301, 0.3659.

# 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

66.9774, 0.3301, 0.3659

### Protanopia

66.8547, 0.3422, 0.3627

### Deuteranopia

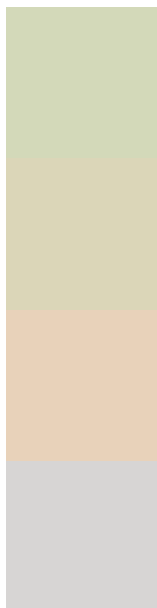
66.9636, 0.3566, 0.3494



## Tritanopia

66.9417, 0.3056, 0.3103

# Trichromacy



## Original Color

66.9774, 0.3301, 0.3659

## Protanomaly

66.6139, 0.3375, 0.3631

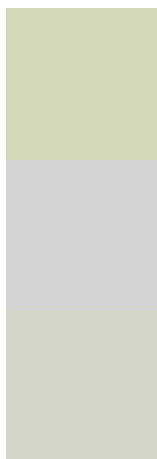
## Deuteranomaly

66.7942, 0.3469, 0.3555

## Tritanomaly

66.7890, 0.3149, 0.3301

# Monochromacy



## Original Color

66.9774, 0.3301, 0.3659

## Achromatopsia

65.8375, 0.3127, 0.3290

## Achromatomaly

66.3545, 0.3195, 0.3427

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.9774, 0.3301, 0.3659 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(211, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 185)  
}
```

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(211, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 66.9774, 0.3301, 0.3659 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(211, 217, 185) }
```

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

```
.border{ border-color:rgb(211, 217, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.9774, 0.3301, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 185) }
```

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

```
.background{ background-color: rgb(211,  
217, 185) }
```

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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