

# Converting Colors

$Yxy(60.1734, 0.3529, 0.3993)$

Have a look what the booklet for  
Yxy(60.1734, 0.3529, 0.3993)  
contains.

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# Color

**Yxy(60.2608, 0.3528, 0.3999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD095
RGB	205, 208, 149
RGB Percent	80%, 82%, 58%
CMY	0.1960, 0.1843, 0.4157
CMYK	0.01, 0.00, 0.28, 0.18
HSL	63°, 39%, 70%
HSV	63°, 28%, 82%
XYZ	53.1633, 60.2608, 37.2656
YIQ	200.3770, 17.1510, -18.9850

# Conversions

## Conversions Part 2

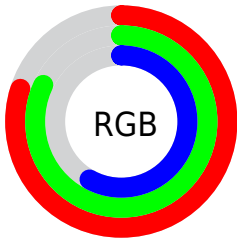
Format	Color
<a href="#">RYB</a>	<a href="#">149, 208, 152</a>
Decimal	<a href="#">13488277</a>
CIELab	<a href="#">81.98, -10.36, 29.03</a>
CIELCh	<a href="#">82, 30.826, 109.640</a>
Yxy	<a href="#">60.2608, 0.3528, 0.3999</a>
Android (android.graphics.Color)	<a href="#">4291678357 (0xFFCDD095)</a>
YUV	<a href="#">200.3770, -25.3289, 4.0544</a>
Hunter-Lab	<a href="#">77.6278, -13.6032, 25.8771</a>

# Details

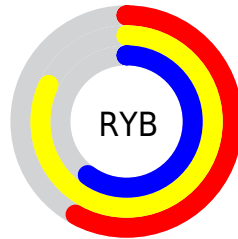
The Yxy color **60.2608, 0.3528, 0.3999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7244, 0.2659, 0.2480**, and the grayscale version is **58.1586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **30.4771, 0.3615, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **59.5088, 0.3665, 0.4246**, and if you desaturate by 10%, it is **61.1378, 0.3386, 0.3746**.

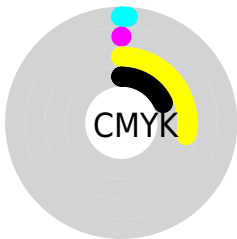
# Distribution



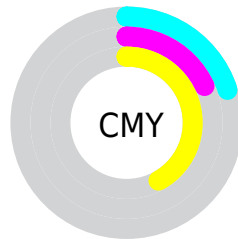
- Red (80%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)




- Cyan (20%)
- Magenta (18%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2608, 0.3528, 0.3999 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 60.2608, 0.3528, 0.3999 by changing the saturation by 10% instead.




 60.2608, 0.3528,  
0.3999


 60.2608, 0.3528,  
0.3999


425.5584, 0.3342,  
0.3655

 43.6289, 0.3570,  
0.4081


 105.2079, 0.3464,  
0.3877

 30.3789, 0.3620,  
0.4184


 134.2919, 0.3439,  
0.3830

 20.1263, 0.3683,  
0.4316

168.2953, 0.3417,  
0.3790

 12.4869, 0.3760,  
0.4492

207.6026, 0.3398,  
0.3756

 7.0762, 0.3857,  
0.4734

252.5982, 0.3382,  
0.3726

 3.5098, 0.3990,  
0.5108

303.6664, 0.3367,

 1.4033, 0.4206,

0.3699

0.5794

361.1917, 0.3354,  
0.3676

0.2192, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.2608, 0.3528,  
0.3999

60.2608, 0.3528,  
0.3999

59.5088, 0.3665,  
0.4246

61.1378, 0.3386,  
0.3746

58.8675, 0.3791,  
0.4478

62.1376, 0.3244,  
0.3494

58.3326, 0.3901,  
0.4683

63.2683, 0.3105,  
0.3251

57.8965, 0.3989,  
0.4854

64.5352, 0.2972,  
0.3021

■ 57.5504, 0.4052,  
0.4984

■ 65.9430, 0.2848,  
0.2806

■ 57.2842, 0.4090,  
0.5070

■ 66.2252, 0.2843,  
0.2787

■ 57.0823, 0.4104,  
0.5116

■ 66.3807, 0.2850,  
0.2788

■ 57.0515, 0.4105,  
0.5123

■ 66.5372, 0.2857,  
0.2789

■ 66.6947, 0.2864,  
0.2790

# Harmonies

## Analogous

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



60.2608, 0.3816, 0.3861



60.2608, 0.3528, 0.3999



60.2608, 0.3143, 0.3926

# Triad

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



60.2608, 0.3528, 0.3999



60.2608, 0.2396, 0.2915



60.2608, 0.3473, 0.2968

# Complementary

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



60.2608, 0.3528, 0.3999



32.7244, 0.2659, 0.2480

# 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.



60.2608, 0.3071, 0.2747



60.2608, 0.3528, 0.3999



60.2608, 0.2469, 0.2703

# Square

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



60.2608, 0.3528, 0.3999



60.2608, 0.2501, 0.3258



60.2608, 0.2708, 0.2649



60.2608, 0.3791, 0.3267



# Rectangle

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



60.2608, 0.3528, 0.3999



60.2608, 0.2886, 0.3756



60.2608, 0.2708, 0.2649



60.2608, 0.3342, 0.2883

# Sweetspot

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



60.2635, 0.3528, 0.3999



98.3905, 0.3254, 0.3513



38.0222, 0.3735, 0.3329



21.0074, 0.3275, 0.3549



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.



60.2635, 0.3528, 0.3999



94.7997, 0.3612, 0.4150



56.4586, 0.3290, 0.4057



13.7660, 0.3258, 0.3520



35.5718, 0.4106, 0.5122



1.9985, 0.4123, 0.5108



# Inverse Universe

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



32.7244, 0.2659, 0.2480



44.1823, 0.2540, 0.2278



35.9297, 0.2915, 0.2536



11.4457, 0.2989, 0.3050



2.8930, 0.1517, 0.0609

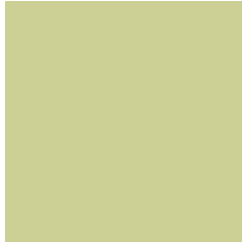


0.1720, 0.1573, 0.0640



# Previews

## White Background



This preview shows how the Yxy color 60.2608, 0.3528, 0.3999 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 60.2608, 0.3528, 0.3999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

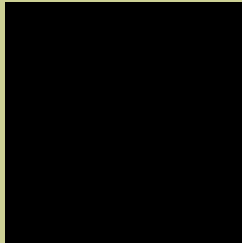
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

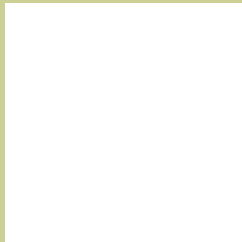
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.2608, 0.3528, 0.3999**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.2608, 0.3528, 0.3999.



This preview shows how white text looks on a background with the Yxy color 60.2608, 0.3528, 0.3999.

# 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

60.2608, 0.3528, 0.3999

### Protanopia

60.3524, 0.3672, 0.3952

### Deuteranopia

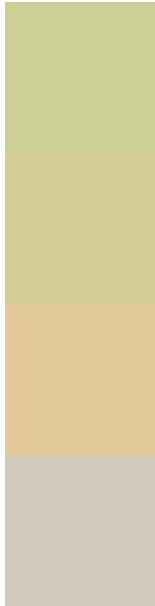
59.8225, 0.3845, 0.3763



## Tritanopia

59.8993, 0.3120, 0.3108

# Trichromacy



## Original Color

60.2608, 0.3528, 0.3999

## Protanomaly

60.0969, 0.3619, 0.3961

## Deuteranomaly

59.8738, 0.3723, 0.3849

## Tritanomaly

59.7043, 0.3270, 0.3419

# Monochromacy



## Original Color

60.2608, 0.3528, 0.3999

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

58.6046, 0.3279, 0.3555

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.2608, 0.3528, 0.3999 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(205, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 149)  
}
```

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(205, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 149) }
```

## Border

The CSS property to change the border of an element to Yxy 60.2608, 0.3528, 0.3999 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(205, 208, 149) }
```

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

```
.border{ border-color:rgb(205, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
149) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.2608, 0.3528, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 149) }
```

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

```
.background{ background-color: rgb(205,  
208, 149) }
```

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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