

# Converting Colors

$Yxy(73.9216, 0.3253, 0.3611)$

Have a look what the booklet for  
Yxy(73.9216, 0.3253, 0.3611)  
contains.

<b>Yxy(73.9208, 0.3253, 0.3612)</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(73.9208, 0.3253, 0.3612)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DAE3C6
RGB	218, 227, 198
RGB Percent	85%, 89%, 78%
CMY	0.1451, 0.1098, 0.2237
CMYK	0.04, 0.00, 0.13, 0.11
HSL	79°, 34%, 83%
HSV	79°, 13%, 89%
XYZ	66.5737, 73.9208, 64.1588
YIQ	221.0030, 3.9450, -10.9270

# Conversions

## Conversions Part 2

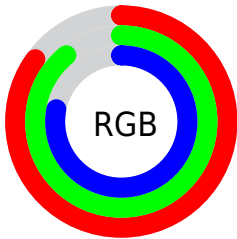
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 227, 207
Decimal	14345158
CIELab	88.89, -8.05, 13.16
CIELCh	89, 15.429, 121.440
Yxy	73.9208, 0.3253, 0.3612
Android (android.graphics.Color)	4292535238 (0xFFDAE3C6)
YUV	221.0030, -11.3405, -2.6336
Hunter-Lab	85.9772, -12.2443, 15.9400

# Details

The Yxy color **73.9208, 0.3253, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.1739, 0.2990, 0.2960**, and the grayscale version is **72.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3052, 0.3281, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **71.8930, 0.3351, 0.3880**, and if you desaturate by 10%, it is **76.1580, 0.3154, 0.3358**.

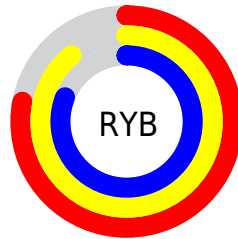
# Distribution



Red (85%)

Green (89%)

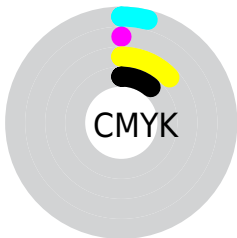
Blue (78%)



Red (78%)

Yellow (89%)

Blue (81%)

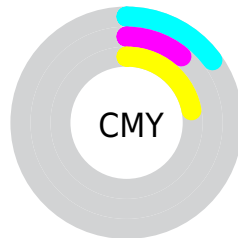


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (11%)



Cyan (15%)

Magenta (11%)


Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9208, 0.3253, 0.3612 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 73.9208, 0.3253, 0.3612 by changing the saturation by 10% instead.




 73.9208, 0.3253,  
0.3612

 73.9208, 0.3253,  
0.3612

474.2000, 0.3196,  
0.3461

 54.7292, 0.3266,  
0.3647

124.7835, 0.3234,  
0.3559

 39.1850, 0.3281,  
0.3690


157.2235, 0.3226,  
0.3539

 26.9037, 0.3300,  
0.3746


194.8483, 0.3219,  
0.3521

 17.5009, 0.3325,  
0.3819

238.0425, 0.3213,  
0.3506

 10.5922, 0.3358,  
0.3919

287.1903, 0.3208,  
0.3493

 5.7934, 0.3403,  
0.4067

342.6762, 0.3204,

 2.7198, 0.3466,

0.3481

404.8847, 0.3200,  
0.3471

0.4301

0.9873, 0.3935,  
0.5262

0.0000, 0.0000,  
0.0000

73.9208, 0.3253,  
0.3612

73.9208, 0.3253,  
0.3612

71.8930, 0.3351,  
0.3880

76.1580, 0.3154,  
0.3358

70.0575, 0.3446,  
0.4157

78.6019, 0.3058,  
0.3122

68.4093, 0.3532,  
0.4433

80.5297, 0.3033,  
0.3010

66.9398, 0.3604,  
0.4699

81.7778, 0.3080,  
0.3014

■ 65.6394, 0.3658,  
0.4942

■ 83.0741, 0.3127,  
0.3018

■ 64.4975, 0.3689,  
0.5150

■ 83.4216, 0.3140,  
0.3019

■ 63.5018, 0.3695,  
0.5313

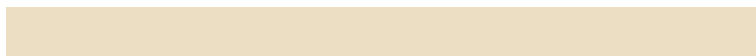
■ 62.6379, 0.3675,  
0.5427

■ 62.0807, 0.3650,  
0.5484

# Harmonies

## Analogous

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



73.9208, 0.3409, 0.3595



73.9208, 0.3253, 0.3612



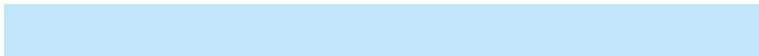
73.9208, 0.3067, 0.3535

# Triad

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



73.9208, 0.3253, 0.3612



73.9208, 0.2778, 0.3070



73.9208, 0.3355, 0.3192

# Complementary

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



73.9208, 0.3253, 0.3612



59.1739, 0.2990, 0.2960

# 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.



73.9208, 0.3180, 0.3062



73.9208, 0.3253, 0.3612



73.9208, 0.2849, 0.2990

# Square

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



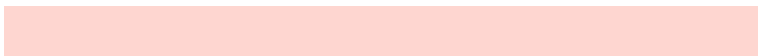
73.9208, 0.3253, 0.3612



73.9208, 0.2796, 0.3215



73.9208, 0.2995, 0.2988



73.9208, 0.3470, 0.3349



# Rectangle

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



73.9208, 0.3253, 0.3612



73.9208, 0.2951, 0.3442



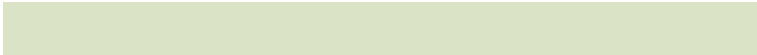
73.9208, 0.2995, 0.2988



73.9208, 0.3301, 0.3144

# Sweetspot

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



73.9240, 0.3253, 0.3612



98.7662, 0.3166, 0.3388



64.8742, 0.3347, 0.3387



21.0914, 0.3174, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

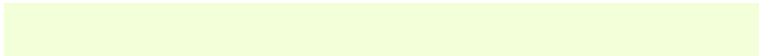


# Same Dimension

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



73.9240, 0.3253, 0.3612



95.5991, 0.3276, 0.3673



71.8214, 0.3152, 0.3622



16.5816, 0.3220, 0.3526



36.2677, 0.3658, 0.5477



2.7286, 0.3738, 0.5414



# Inverse Universe

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



59.1739, 0.2990, 0.2960



73.3083, 0.2963, 0.2896



61.3183, 0.3097, 0.2971



14.1025, 0.3028, 0.3050



4.0545, 0.1716, 0.0719

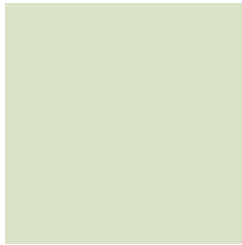


0.3474, 0.1873, 0.0806



# Previews

## White Background



This preview shows how the Yxy color 73.9208, 0.3253, 0.3612 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

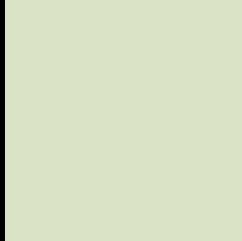
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 73.9208, 0.3253, 0.3612 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

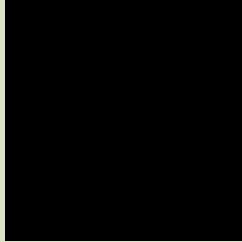
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

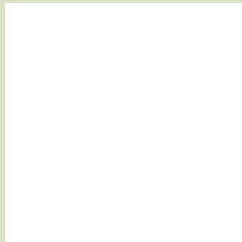
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 73.9208, 0.3253, 0.3612**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.9208, 0.3253, 0.3612.

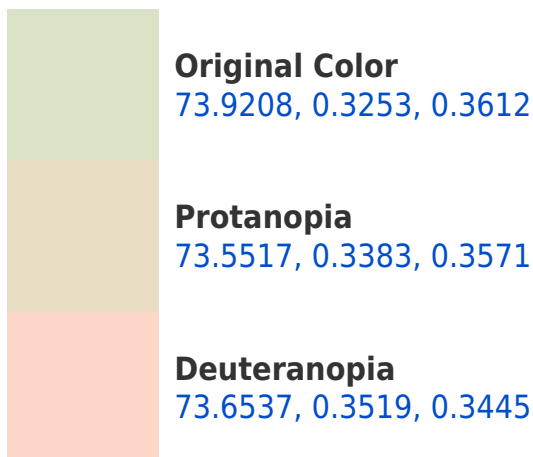


This preview shows how white text looks on a background with the Yxy color 73.9208, 0.3253, 0.3612.

# 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

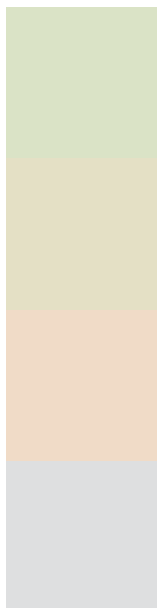




## Tritanopia

73.7922, 0.3032, 0.3100

# Trichromacy



## Original Color

73.9208, 0.3253, 0.3612

## Protanomaly

73.8365, 0.3336, 0.3584

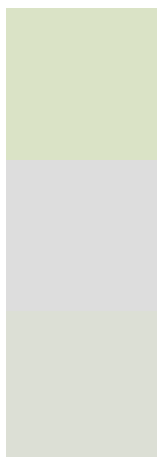
## Deuteranomaly

73.3118, 0.3420, 0.3503

## Tritanomaly

73.6868, 0.3114, 0.3279

# Monochromacy



## Original Color

73.9208, 0.3253, 0.3612

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

72.7951, 0.3172, 0.3400

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.9208, 0.3253, 0.3612 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(218, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 198)  
}
```

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(218, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 198) }
```

## Border

The CSS property to change the border of an element to Yxy 73.9208, 0.3253, 0.3612 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(218, 227, 198) }
```

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

```
.border{ border-color:rgb(218, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
198) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.9208, 0.3253, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 198) }
```

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

```
.background{ background-color: rgb(218,  
227, 198) }
```

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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