

Converting Colors

$Yxy(73.8333, 0.3490, 0.3614)$

Have a look what the booklet for
Yxy(73.8333, 0.3490, 0.3614)
contains.

Yxy(73.6049, 0.3489, 0.3609)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6049, 0.3489, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	F1DCBE
RGB	241, 220, 190
RGB Percent	95%, 86%, 75%
CMY	0.0550, 0.1372, 0.2548
CMYK	0.00, 0.09, 0.21, 0.06
HSL	35°, 64%, 85%
HSV	35°, 21%, 94%
XYZ	71.1575, 73.6049, 59.1858
YIQ	222.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

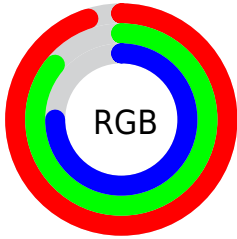
Format	Color
R _{YB}	226, 241, 190
Decimal	15850686
CIE Lab	88.74, 2.56, 17.35
CIE LCh	89, 17.543, 81.600
Yxy	73.6049, 0.3489, 0.3609
Android (android.graphics.Color)	4294040766 (0xFFF1DCBE)
YUV	222.8590, -16.1995, 15.9097
Hunter-Lab	85.7933, -2.0892, 19.1532

Details

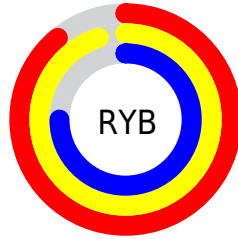
The Yxy color **73.6049, 0.3489, 0.3609** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63.8791, 0.2788, 0.2949**, and the grayscale version is **73.7927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **38.9068, 0.3566, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **67.5896, 0.3691, 0.3768**, and if you desaturate by 10%, it is **80.1096, 0.3307, 0.3454**.

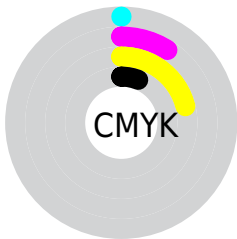
Distribution



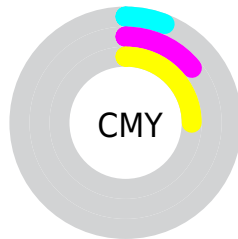
- Red (95%)
- Green (86%)
- Blue (75%)



- Red (89%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6049, 0.3489, 0.3609 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 73.6049, 0.3489, 0.3609 by changing the saturation by 10% instead.


 73.6049, 0.3489,
0.3609

 73.6049, 0.3489,
0.3609

473.1086, 0.3322,
0.3463

 54.4707, 0.3527,
0.3642


 124.3356, 0.3431,
0.3559

 38.9781, 0.3574,
0.3682


156.7008, 0.3408,
0.3539

 26.7427, 0.3633,
0.3733


194.2453, 0.3389,
0.3522

 17.3801, 0.3711,
0.3798

237.3533, 0.3372,
0.3507

 10.5059, 0.3815,
0.3886

286.4092, 0.3357,
0.3494

 5.7356, 0.3962,
0.4007

341.7975, 0.3344,

 2.6850, 0.4184,

0.3483

0.4184

403.9025, 0.3332,
0.3472

0.9696, 0.5051,
0.4949

0.0000, 0.0000,
0.0000

73.6049, 0.3489,
0.3609

73.6049, 0.3489,
0.3609

67.5896, 0.3691,
0.3768

80.1096, 0.3307,
0.3454

62.0399, 0.3911,
0.3924

87.1069, 0.3144,
0.3306

56.9443, 0.4144,
0.4070

94.1322, 0.3042,
0.3238

52.2872, 0.4385,
0.4194

97.4355, 0.3041,
0.3290

■ 48.0513, 0.4621,
0.4285

■ 44.2177, 0.4840,
0.4331

■ 40.7646, 0.5029,
0.4324

■ 37.9960, 0.5169,
0.4278

Harmonies

Analogous

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



73.6049, 0.3546, 0.3473



73.6049, 0.3489, 0.3609



73.6049, 0.3334, 0.3663

Triad

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



73.6049, 0.3489, 0.3609



73.6049, 0.2781, 0.3267



73.6049, 0.3116, 0.2996

Complementary

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



73.6049, 0.3489, 0.3609



63.8791, 0.2788, 0.2949

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.



73.6049, 0.2914, 0.2938



73.6049, 0.3489, 0.3609



73.6049, 0.2726, 0.3086

Square

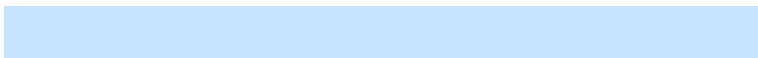
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6049, 0.3489, 0.3609



73.6049, 0.2926, 0.3462



73.6049, 0.2774, 0.2969



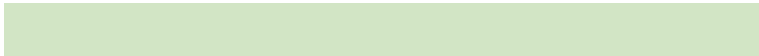
73.6049, 0.3326, 0.3125

Rectangle

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



73.6049, 0.3489, 0.3609



73.6049, 0.3199, 0.3640



73.6049, 0.2774, 0.2969



73.6049, 0.3045, 0.2968

Sweetspot

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



73.6082, 0.3489, 0.3609



95.1034, 0.3221, 0.3377



60.2495, 0.3380, 0.3064



20.2446, 0.3232, 0.3387



0.0000, 0.0000, 0.0000



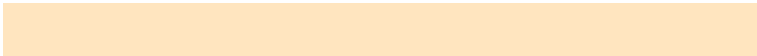
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6082, 0.3489, 0.3609



80.9475, 0.3566, 0.3671



84.5690, 0.3416, 0.3823



17.3054, 0.3278, 0.3429



20.8822, 0.5149, 0.4294



1.9326, 0.4989, 0.4421

Inverse Universe

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



63.8791, 0.2788, 0.2949



68.1991, 0.2722, 0.2876



54.6925, 0.2801, 0.2707



16.2967, 0.2980, 0.3147



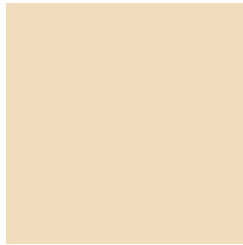
8.5475, 0.1694, 0.1297



0.9024, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 73.6049, 0.3489, 0.3609 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 73.6049, 0.3489, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

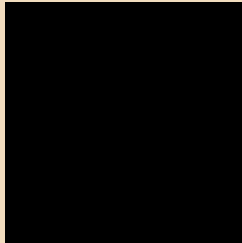
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

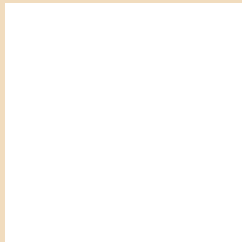
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6049, 0.3489, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 73.6049, 0.3489, 0.3609.



This preview shows how white text looks on a background with the Yxy color 73.6049, 0.3489, 0.3609.

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

73.6049, 0.3489, 0.3609

Protanopia

73.4966, 0.3425, 0.3625

Deuteranopia

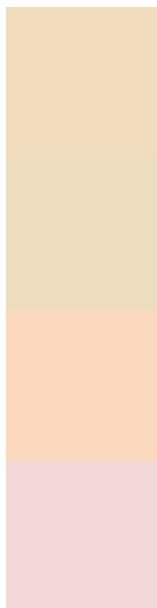
73.6666, 0.3594, 0.3527



Tritanopia

73.4555, 0.3245, 0.3117

Trichromacy



Original Color

73.6049, 0.3489, 0.3609

Protanomaly

73.4790, 0.3450, 0.3612

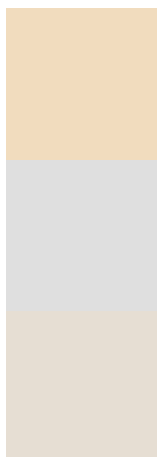
Deuteranomaly

73.7113, 0.3558, 0.3561

Tritanomaly

73.3027, 0.3334, 0.3291

Monochromacy



Original Color

73.6049, 0.3489, 0.3609

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7687, 0.3258, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6049, 0.3489, 0.3609 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(241, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 190)  
}
```

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(241, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 190) }
```

Border

The CSS property to change the border of an element to Yxy 73.6049, 0.3489, 0.3609 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(241, 220, 190) }
```

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

```
.border{ border-color:rgb(241, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6049, 0.3489, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 190) }
```

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

```
.background{ background-color: rgb(241,  
220, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor