

Converting Colors

$Y_{xy}(73.7950, 0.3671, 0.3913)$

Have a look what the booklet for
Yxy(73.7950, 0.3671, 0.3913)
contains.

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Color

Yxy(73.6237, 0.3667, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	F1DEA4
RGB	241, 222, 164
RGB Percent	95%, 87%, 64%
CMY	0.0551, 0.1293, 0.3569
CMYK	0.00, 0.08, 0.32, 0.06
HSL	45°, 73%, 79%
HSV	45°, 32%, 94%
XYZ	69.0834, 73.6237, 45.6851
YIQ	221.0690, 29.9420, -14.0100

Conversions

Conversions Part 2

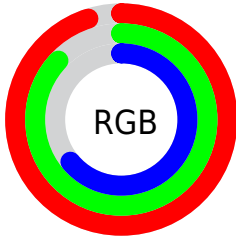
Format	Color
R _Y B	189, 241, 164
Decimal	15851172
CIE Lab	88.74, -1.93, 30.87
CIE LCh	89, 30.926, 93.578
Yxy	73.6237, 0.3667, 0.3908
Android (android.graphics.Color)	4294041252 (0xFFFF1DEA4)
YUV	221.0690, -28.1350, 17.4795
Hunter-Lab	85.8043, -6.4420, 28.4949

Details

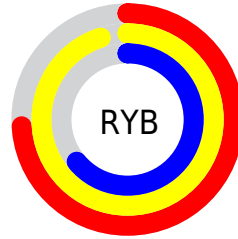
The Yxy color **73.6237, 0.3667, 0.3908** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0694, 0.2584, 0.2583**, and the grayscale version is **72.5401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **38.9976, 0.3786, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **69.7449, 0.3855, 0.4101**, and if you desaturate by 10%, it is **77.7848, 0.3486, 0.3710**.

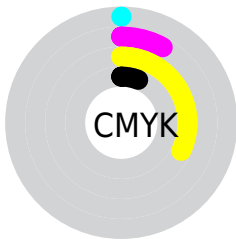
Distribution



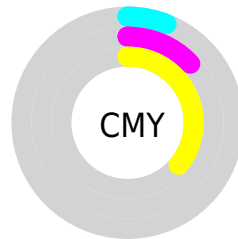
- Red (95%)
- Green (87%)
- Blue (64%)



- Red (74%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6237, 0.3667, 0.3908 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 73.6237, 0.3667, 0.3908 by changing the saturation by 10% instead.

 73.6237, 0.3667,
0.3908

 73.6237, 0.3667,
0.3908


473.1736, 0.3421,
0.3624

 54.4861, 0.3722,
0.3971

 124.3622, 0.3583,
0.3810

 38.9904, 0.3788,
0.4049


 156.7320, 0.3550,
0.3772

 26.7523, 0.3870,
0.4145


194.2812, 0.3521,
0.3739

 17.3873, 0.3973,
0.4268


237.3943, 0.3496,
0.3710

 10.5110, 0.4105,
0.4426

286.4557, 0.3474,
0.3685

 5.7391, 0.4275,
0.4635

341.8498, 0.3454,

 2.6871, 0.4683,

0.3662

0.5123

403.9610, 0.3437,
0.3642

■ 0.9706, 0.4736,
0.5264

■ 0.0000, 0.0000,
0.0000

■ 73.6237, 0.3667,
0.3908

■ 73.6237, 0.3667,
0.3908

■ 69.7449, 0.3855,
0.4101

■ 77.7848, 0.3486,
0.3710

■ 66.1277, 0.4043,
0.4279

■ 82.2277, 0.3315,
0.3514

■ 62.7643, 0.4225,
0.4432

■ 86.9649, 0.3156,
0.3326

■ 59.6418, 0.4391,
0.4550

■ 91.6544, 0.3043,
0.3199

■ 56.7458, 0.4533,
0.4623

■ 95.3109, 0.3042,
0.3257

■ 54.0594, 0.4646,
0.4647

■ 97.4315, 0.3041,
0.3290

■ 52.0257, 0.4717,
0.4637

Harmonies

Analogous

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



73.6237, 0.3851, 0.3703



73.6237, 0.3667, 0.3908



73.6237, 0.3342, 0.3949

Triad

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



73.6237, 0.3667, 0.3908



73.6237, 0.2471, 0.3100



73.6237, 0.3253, 0.2862

Complementary

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



73.6237, 0.3667, 0.3908



48.0694, 0.2584, 0.2583

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.



73.6237, 0.2882, 0.2712



73.6237, 0.3667, 0.3908



73.6237, 0.2449, 0.2827

Square

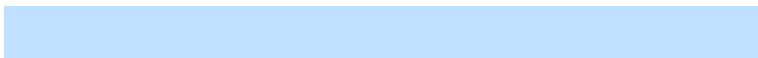
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6237, 0.3667, 0.3908



73.6237, 0.2657, 0.3457



73.6237, 0.2594, 0.2695



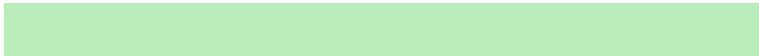
73.6237, 0.3607, 0.3112

Rectangle

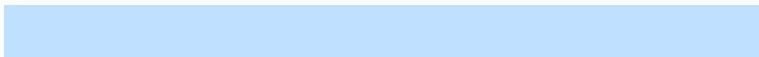
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6237, 0.3667, 0.3908



73.6237, 0.3094, 0.3859



73.6237, 0.2594, 0.2695



73.6237, 0.3125, 0.2799

Sweetspot

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



73.6271, 0.3667, 0.3908



94.5297, 0.3283, 0.3478



48.6667, 0.3677, 0.3080



20.0745, 0.3306, 0.3505



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.



73.6271, 0.3667, 0.3908



80.9813, 0.3783, 0.4028



81.0430, 0.3471, 0.4127



17.7622, 0.3274, 0.3467



28.4490, 0.4706, 0.4645



2.5214, 0.4624, 0.4710

Inverse Universe

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



48.0694, 0.2584, 0.2583



47.9249, 0.2468, 0.2419



42.9897, 0.2698, 0.2380



15.8600, 0.2980, 0.3107



5.3317, 0.1578, 0.0881



0.5951, 0.1646, 0.1125

Previews

White Background



This preview shows how the Yxy color 73.6237, 0.3667, 0.3908 looks on a white background.

Color Contrast Check

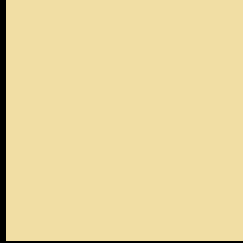
Large Text (above 18pt) WCAG AA × Fail

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 73.6237, 0.3667, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

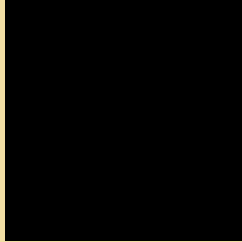
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6237, 0.3667, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 73.6237, 0.3667, 0.3908.

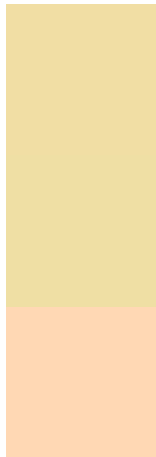


This preview shows how white text looks on a background with the Yxy color 73.6237, 0.3667, 0.3908.

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

73.6237, 0.3667, 0.3908

Protanopia

73.8064, 0.3649, 0.3921

Deuteranopia

73.6670, 0.3680, 0.3661



Tritanopia

73.4414, 0.3275, 0.3118

Trichromacy



Original Color

73.6237, 0.3667, 0.3908

Protanomaly

73.9810, 0.3657, 0.3919

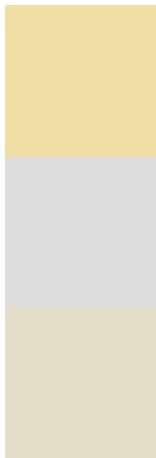
Deuteranomaly

73.5228, 0.3679, 0.3749

Tritanomaly

73.1608, 0.3420, 0.3395

Monochromacy



Original Color

73.6237, 0.3667, 0.3908

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3770, 0.3320, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6237, 0.3667, 0.3908 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, 222, 164)` looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 164)  
}
```

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, 222, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 164) }
```

Border

The CSS property to change the border of an element to Yxy 73.6237, 0.3667, 0.3908 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, 222, 164) }
```

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

```
.border{ border-color:rgb(241, 222, 164) }
```

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

Here you see how a box with a 4 pixel rgb(241, 222, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 164);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6237, 0.3667, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 164) }
```

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

```
.background{ background-color: rgb(241,  
222, 164) }
```

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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