

Converting Colors

$Y_{xy}(73.5031, 0.3708, 0.3880)$

Have a look what the booklet for
Yxy(73.5031, 0.3708, 0.3880)
contains.

Yxy(73.4596, 0.3713, 0.3879)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4596, 0.3713, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	F6DCA4
RGB	246, 220, 164
RGB Percent	96%, 86%, 64%
CMY	0.0351, 0.1373, 0.3568
CMYK	0.00, 0.11, 0.33, 0.04
HSL	41°, 82%, 80%
HSV	41°, 33%, 96%
XYZ	70.3159, 73.4596, 45.6021
YIQ	221.3900, 33.4720, -11.9040

Conversions

Conversions Part 2

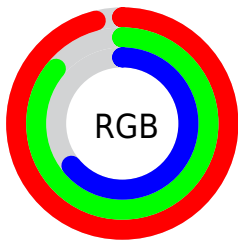
Format	Color
RYB	202, 246, 164
Decimal	16178340
CIE Lab	88.67, 1.06, 30.82
CIE LCh	89, 30.841, 88.024
Yxy	73.4596, 0.3713, 0.3879
Android (android.graphics.Color)	4294368420 (0xFFFF6DCA4)
YUV	221.3900, -28.2933, 21.5830
Hunter-Lab	85.7086, -3.5473, 28.4501

Details

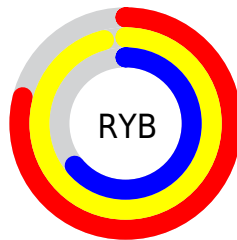
The Yxy color **73.4596, 0.3713, 0.3879** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4167, 0.2567, 0.2619**, and the grayscale version is **72.7868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **38.8989, 0.3847, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **68.6495, 0.3916, 0.4055**, and if you desaturate by 10%, it is **78.6405, 0.3520, 0.3698**.

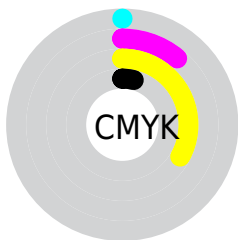
Distribution



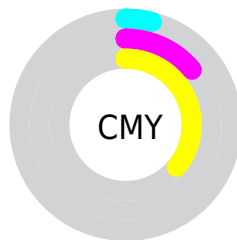
- Red (96%)
- Green (86%)
- Blue (64%)



- Red (79%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4596, 0.3713, 0.3879 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 73.4596, 0.3713, 0.3879 by changing the saturation by 10% instead.


 73.4596, 0.3713,
0.3879

 73.4596, 0.3713,
0.3879

472.6062, 0.3445,
0.3611

 54.3519, 0.3773,
0.3938


 124.1295, 0.3621,
0.3787

 38.8830, 0.3846,
0.4011


 156.4604, 0.3585,
0.3751

 26.6687, 0.3936,
0.4100


193.9678, 0.3554,
0.3720

 17.3246, 0.4050,
0.4213

237.0361, 0.3526,
0.3692

 10.4662, 0.4197,
0.4357

286.0497, 0.3502,
0.3668

 5.7091, 0.4390,
0.4543

341.3929, 0.3481,

 2.6690, 0.4839,

0.3647

0.4984

403.4503, 0.3462,
0.3628

■ 0.9615, 0.4948,
0.5052

■ 0.0000, 0.0000,
0.0000

■ 73.4596, 0.3713,
0.3879

■ 73.4596, 0.3713,
0.3879

■ 68.6495, 0.3916,
0.4055

■ 78.6405, 0.3520,
0.3698

■ 64.1874, 0.4125,
0.4217

■ 84.1936, 0.3341,
0.3519

■ 60.0631, 0.4330,
0.4354

■ 90.1335, 0.3178,
0.3346

■ 56.2616, 0.4522,
0.4453

■ 95.9819, 0.3073,
0.3254

■ 52.7658, 0.4691,
0.4507

■ 98.3431, 0.3072,
0.3290

■ 49.5556, 0.4829,
0.4509

■ 47.5580, 0.4906,
0.4487

Harmonies

Analogous

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



73.4596, 0.3862, 0.3652



73.4596, 0.3713, 0.3879



73.4596, 0.3408, 0.3955

Triad

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



73.4596, 0.3713, 0.3879



73.4596, 0.2494, 0.3163



73.4596, 0.3182, 0.2827

Complementary

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



73.4596, 0.3713, 0.3879



51.4167, 0.2567, 0.2619

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.



73.4596, 0.2821, 0.2699



73.4596, 0.3713, 0.3879



73.4596, 0.2442, 0.2869

Square

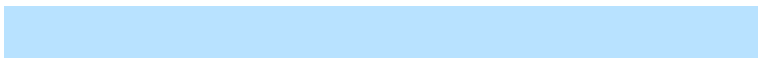
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4596, 0.3713, 0.3879



73.4596, 0.2708, 0.3523



73.4596, 0.2557, 0.2709



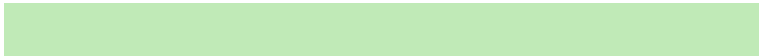
73.4596, 0.3547, 0.3061

Rectangle

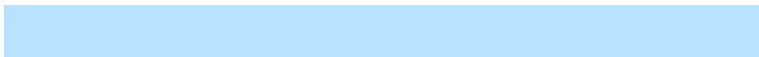
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4596, 0.3713, 0.3879



73.4596, 0.3163, 0.3892



73.4596, 0.2557, 0.2709



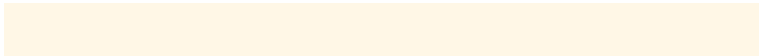
73.4596, 0.3056, 0.2771

Sweetspot

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



73.4630, 0.3713, 0.3879



93.4033, 0.3285, 0.3460



49.9377, 0.3646, 0.2997



19.8011, 0.3309, 0.3485



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.



73.4630, 0.3713, 0.3879



76.1143, 0.3849, 0.3999



85.8471, 0.3534, 0.4152



18.3735, 0.3276, 0.3451



25.6352, 0.4891, 0.4498



2.4375, 0.4782, 0.4585

Inverse Universe

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



51.4167, 0.2567, 0.2619



48.8637, 0.2444, 0.2456



42.6427, 0.2623, 0.2320



16.7862, 0.2980, 0.3124



6.6955, 0.1622, 0.1039



0.7657, 0.1690, 0.1285

Previews

White Background



This preview shows how the Yxy color 73.4596, 0.3713, 0.3879 looks on a white background.

Color Contrast Check

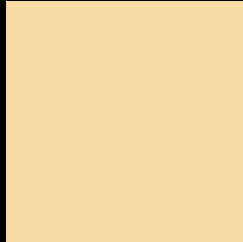
Large Text (above 18pt) WCAG AA × Fail

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 73.4596, 0.3713, 0.3879 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 73.4596, 0.3713, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 73.4596, 0.3713, 0.3879.



This preview shows how white text looks on a background with the Yxy color 73.4596, 0.3713, 0.3879.

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

73.4596, 0.3713, 0.3879

Protanopia

73.3099, 0.3645, 0.3900

Deuteranopia

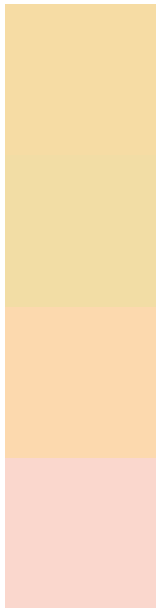
73.1156, 0.3690, 0.3662



Tritanopia

73.5711, 0.3320, 0.3129

Trichromacy



Original Color

73.4596, 0.3713, 0.3879

Protanomaly

73.3068, 0.3671, 0.3885

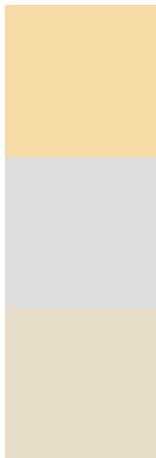
Deuteranomaly

73.3771, 0.3697, 0.3737

Tritanomaly

73.3326, 0.3460, 0.3394

Monochromacy



Original Color

73.4596, 0.3713, 0.3879

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7060, 0.3335, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4596, 0.3713, 0.3879 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(246, 220, 164)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 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(246, 220, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 164) }
```

Border

The CSS property to change the border of an element to Yxy 73.4596, 0.3713, 0.3879 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(246, 220, 164) }
```

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

```
.border{ border-color:rgb(246, 220, 164) }
```

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

Here you see how a box with a 4 pixel rgb(246, 220, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 164);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4596, 0.3713, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 164) }
```

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

```
.background{ background-color: rgb(246,  
220, 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](#).

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