

Converting Colors

$Y_{xy}(73.7938, 0.3639, 0.3730)$

Have a look what the booklet for
Yxy(73.7938, 0.3639, 0.3730)
contains.

Yxy(73.7938, 0.3639, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7938, 0.3639, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	F8DBB1
RGB	248, 219, 177
RGB Percent	97%, 86%, 69%
CMY	0.0272, 0.1412, 0.3058
CMYK	0.00, 0.12, 0.29, 0.03
HSL	35°, 84%, 83%
HSV	35°, 29%, 97%
XYZ	71.9935, 73.7938, 52.0513
YIQ	222.8830, 30.7660, -6.9140

Conversions

Conversions Part 2

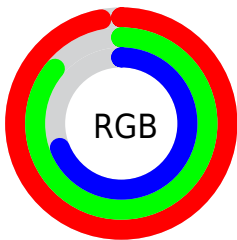
Format	Color
R _Y B	226, 248, 177
Decimal	16309169
CIE Lab	88.82, 3.95, 24.35
CIE LCh	89, 24.668, 80.791
Yxy	73.7938, 0.3639, 0.3730
Android (android.graphics.Color)	4294499249 (0xFFF8DBB1)
YUV	222.8830, -22.6203, 22.0276
Hunter-Lab	85.9033, -0.7343, 24.2068

Details

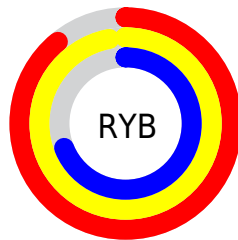
The Yxy color **73.7938, 0.3639, 0.3730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.3110, 0.2660, 0.2806**, and the grayscale version is **73.8581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **39.0825, 0.3762, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **67.7612, 0.3855, 0.3888**, and if you desaturate by 10%, it is **80.3358, 0.3442, 0.3571**.

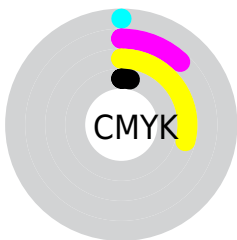
Distribution



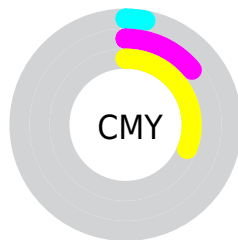
- Red (97%)
- Green (86%)
- Blue (69%)



- Red (89%)
- Yellow (97%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7938, 0.3639, 0.3730 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 73.7938, 0.3639, 0.3730 by changing the saturation by 10% instead.


 73.7938, 0.3639,
0.3730

 73.7938, 0.3639,
0.3730


473.7614, 0.3403,
0.3530

 54.6253, 0.3692,
0.3774


 124.6035, 0.3557,
0.3662

 39.1018, 0.3758,
0.3828


157.0134, 0.3526,
0.3635

 26.8389, 0.3840,
0.3895


194.6059, 0.3498,
0.3611

 17.4523, 0.3946,
0.3980

237.7655, 0.3474,
0.3591

 10.5575, 0.4086,
0.4091

286.8764, 0.3453,
0.3573

 5.7701, 0.4280,
0.4238

342.3231, 0.3434,

 2.7058, 0.4593,

0.3557

0.4470

404.4900, 0.3418,
0.3543

■ 0.9801, 0.5145,
0.4855

■ 0.0000, 0.0000,
0.0000

■ 73.7938, 0.3639,
0.3730

■ 73.7938, 0.3639,
0.3730

■ 67.7612, 0.3855,
0.3888

■ 80.3358, 0.3442,
0.3571

■ 62.2125, 0.4085,
0.4038

■ 87.3917, 0.3265,
0.3417

■ 57.1345, 0.4325,
0.4170

■ 94.9787, 0.3107,
0.3271

■ 52.5093, 0.4562,
0.4271

■ 98.7060, 0.3084,
0.3290

■ 48.3171, 0.4786,
0.4329

■ 44.5356, 0.4982,
0.4335

■ 41.1351, 0.5144,
0.4289

■ 40.6967, 0.5165,
0.4281

Harmonies

Analogous

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



73.7938, 0.3717, 0.3532



73.7938, 0.3639, 0.3730



73.7938, 0.3422, 0.3818

Triad

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



73.7938, 0.3639, 0.3730



73.7938, 0.2648, 0.3260



73.7938, 0.3100, 0.2880

Complementary

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



73.7938, 0.3639, 0.3730



60.3110, 0.2660, 0.2806

Split Complementary

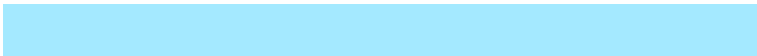
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7938, 0.2822, 0.2803



73.7938, 0.3639, 0.3730



73.7938, 0.2571, 0.3005

Square

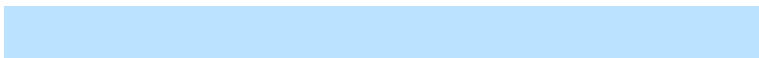
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7938, 0.3639, 0.3730



73.7938, 0.2850, 0.3541



73.7938, 0.2633, 0.2844



73.7938, 0.3398, 0.3054

Rectangle

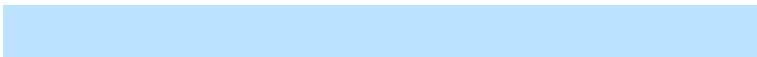
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7938, 0.3639, 0.3730



73.7938, 0.3232, 0.3792



73.7938, 0.2633, 0.2844



73.7938, 0.3001, 0.2842

Sweetspot

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



73.7972, 0.3639, 0.3730



92.7634, 0.3271, 0.3423



55.9026, 0.3499, 0.2979



19.6141, 0.3296, 0.3445



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.



73.7972, 0.3639, 0.3730



75.0363, 0.3754, 0.3816



89.2425, 0.3520, 0.4017



18.9301, 0.3279, 0.3430



22.2570, 0.5145, 0.4297



2.2699, 0.5000, 0.4412

Inverse Universe

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



60.3110, 0.2660, 0.2806



58.6562, 0.2566, 0.2698



48.2904, 0.2664, 0.2465



17.8093, 0.2979, 0.3146



8.9980, 0.1691, 0.1287



1.0361, 0.1756, 0.1521

Previews

White Background



This preview shows how the Yxy color 73.7938, 0.3639, 0.3730 looks on a white background.

Color Contrast Check

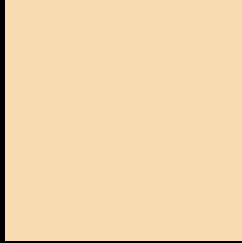
Large Text (above 18pt) WCAG AA × Fail

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 73.7938, 0.3639, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

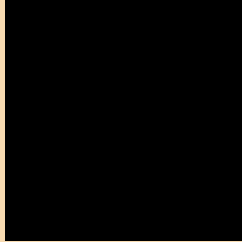
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7938, 0.3639, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 73.7938, 0.3639, 0.3730.



This preview shows how white text looks on a background with the Yxy color 73.7938, 0.3639, 0.3730.

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

73.7938, 0.3639, 0.3730

Protanopia

74.0346, 0.3530, 0.3763

Deuteranopia

73.9169, 0.3635, 0.3599



Tritanopia

73.7592, 0.3327, 0.3130

Trichromacy



Original Color

73.7938, 0.3639, 0.3730

Protanomaly

74.1577, 0.3570, 0.3758

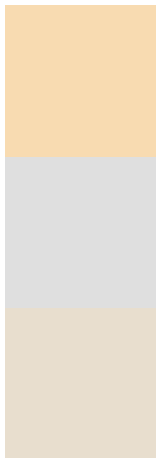
Deuteranomaly

73.7401, 0.3632, 0.3643

Tritanomaly

73.8998, 0.3446, 0.3352

Monochromacy



Original Color

73.7938, 0.3639, 0.3730

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8546, 0.3307, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7938, 0.3639, 0.3730 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(248, 219, 177)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 177)  
}
```

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(248, 219, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 177) }
```

Border

The CSS property to change the border of an element to Yxy 73.7938, 0.3639, 0.3730 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(248, 219, 177) }
```

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

```
.border{ border-color:rgb(248, 219, 177) }
```

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

Here you see how a box with a 4 pixel rgb(248, 219, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 177);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7938, 0.3639, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 177) }
```

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

```
.background{ background-color: rgb(248,  
219, 177) }
```

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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