

Converting Colors

$Yxy(74.7391, 0.3578, 0.3638)$

Have a look what the booklet for
Yxy(74.7391, 0.3578, 0.3638)
contains.

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Color

Yxy(74.8713, 0.3579, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCBA
RGB	249, 220, 186
RGB Percent	98%, 86%, 73%
CMY	0.0236, 0.1372, 0.2707
CMYK	0.00, 0.12, 0.25, 0.02
HSL	32°, 84%, 85%
HSV	32°, 25%, 98%
XYZ	73.5156, 74.8713, 57.0213
YIQ	224.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

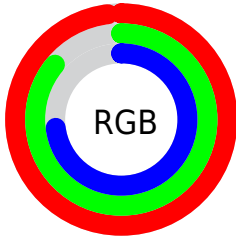
Format	Color
RYB	240, 249, 186
Decimal	16374970
CIELab	89.33, 4.95, 20.40
CIELCh	89, 20.991, 76.362
Yxy	74.8713, 0.3579, 0.3645
Android (android.graphics.Color)	4294565050 (0xFFF9DCBA)
YUV	224.7950, -19.1259, 21.2278
Hunter-Lab	86.5282, 0.2318, 21.4982

Details

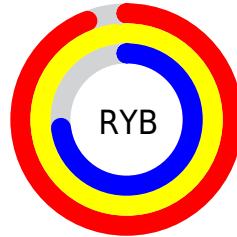
The Yxy color **74.8713, 0.3579, 0.3645** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.8489, 0.2720, 0.2907**, and the grayscale version is **75.2646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **39.8102, 0.3684, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **68.1013, 0.3797, 0.3792**, and if you desaturate by 10%, it is **82.2441, 0.3384, 0.3500**.

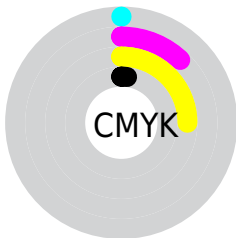
Distribution



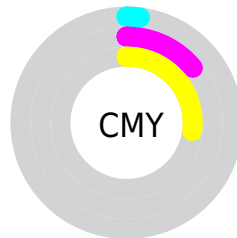
- Red (98%)
- Green (86%)
- Blue (73%)



- Red (94%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8713, 0.3579, 0.3645 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 74.8713, 0.3579, 0.3645 by changing the saturation by 10% instead.


 74.8713, 0.3579,
0.3645

 74.8713, 0.3579,
0.3645


477.4751, 0.3370,
0.3484

 55.5075, 0.3626,
0.3681

 126.1302, 0.3507,
0.3590

 39.8082, 0.3685,
0.3724


158.7940, 0.3479,
0.3568

 27.3890, 0.3758,
0.3778

196.6599, 0.3454,
0.3550

 17.8656, 0.3853,
0.3847

240.1123, 0.3433,
0.3533

 10.8535, 0.3980,
0.3937

289.5357, 0.3415,
0.3519

 5.9684, 0.4158,
0.4058

345.3143, 0.3398,

 2.8259, 0.4421,

0.3506

0.4226

407.8327, 0.3384,
0.3495

■ 1.0415, 0.5205,
0.4795

■ 0.0000, 1.0000,
0.0000

■ 74.8713, 0.3579,
0.3645

■ 74.8713, 0.3579,
0.3645

■ 68.1013, 0.3797,
0.3792

■ 82.2441, 0.3384,
0.3500

■ 61.9062, 0.4035,
0.3934

■ 90.2262, 0.3210,
0.3361

■ 56.2704, 0.4290,
0.4061

■ 98.4661, 0.3090,
0.3284

■ 51.1737, 0.4550,
0.4163

■ 98.8757, 0.3090,
0.3290

■ 46.5942, 0.4805,
0.4226

■ 42.5071, 0.5037,
0.4239

■ 38.8842, 0.5233,
0.4197

■ 37.3262, 0.5314,
0.4162

Harmonies

Analogous

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



74.8713, 0.3624, 0.3470



74.8713, 0.3579, 0.3645



74.8713, 0.3411, 0.3733

Triad

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



74.8713, 0.3579, 0.3645



74.8713, 0.2739, 0.3302



74.8713, 0.3068, 0.2924

Complementary

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



74.8713, 0.3579, 0.3645



65.8489, 0.2720, 0.2907

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.



74.8713, 0.2839, 0.2873



74.8713, 0.3579, 0.3645



74.8713, 0.2655, 0.3079

Square

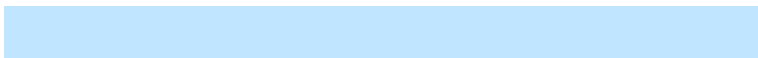
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8713, 0.3579, 0.3645



74.8713, 0.2926, 0.3533



74.8713, 0.2691, 0.2925



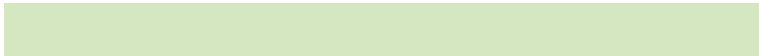
74.8713, 0.3322, 0.3063

Rectangle

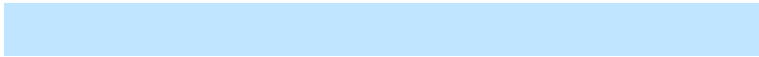
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8713, 0.3579, 0.3645



74.8713, 0.3255, 0.3722



74.8713, 0.2691, 0.2925



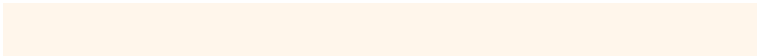
74.8713, 0.2985, 0.2896

Sweetspot

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



74.8747, 0.3579, 0.3645



92.9161, 0.3255, 0.3398



60.1727, 0.3419, 0.2984



19.6129, 0.3281, 0.3418



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.



74.8747, 0.3579, 0.3645



75.5906, 0.3679, 0.3715



91.0343, 0.3496, 0.3927



18.7788, 0.3280, 0.3418



20.2718, 0.5291, 0.4181



2.0896, 0.5124, 0.4313

Inverse Universe

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



65.8489, 0.2720, 0.2907



64.6716, 0.2641, 0.2823



52.6512, 0.2704, 0.2569



17.9580, 0.2979, 0.3158



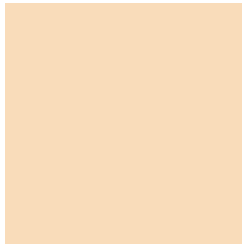
10.4384, 0.1734, 0.1444



1.1761, 0.1797, 0.1669

Previews

White Background



This preview shows how the Yxy color 74.8713, 0.3579, 0.3645 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 74.8713, 0.3579, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

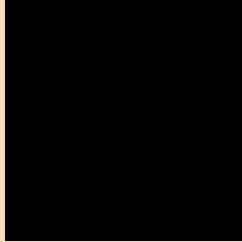
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8713, 0.3579, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 74.8713, 0.3579, 0.3645.



This preview shows how white text looks on a background with the Yxy color 74.8713, 0.3579, 0.3645.

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

74.8713, 0.3579, 0.3645

Protanopia

74.9467, 0.3465, 0.3675

Deuteranopia

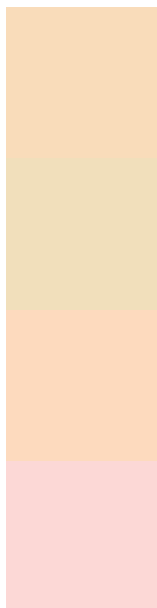
74.7360, 0.3582, 0.3537



Tritanopia

74.8771, 0.3311, 0.3130

Trichromacy



Original Color

74.8713, 0.3579, 0.3645

Protanomaly

75.0640, 0.3504, 0.3672

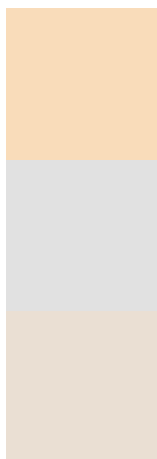
Deuteranomaly

74.7432, 0.3586, 0.3579

Tritanomaly

74.6622, 0.3408, 0.3311

Monochromacy



Original Color

74.8713, 0.3579, 0.3645

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9709, 0.3286, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8713, 0.3579, 0.3645 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(249, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 186)  
}
```

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(249, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 186) }
```

Border

The CSS property to change the border of an element to Yxy 74.8713, 0.3579, 0.3645 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(249, 220, 186) }
```

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

```
.border{ border-color:rgb(249, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8713, 0.3579, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 186) }
```

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

```
.background{ background-color: rgb(249,  
220, 186) }
```

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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