

Converting Colors

$Y_{xy}(79.3944, 0.3600, 0.3706)$

Have a look what the booklet for
Yxy(79.3944, 0.3600, 0.3706)
contains.

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Color

Yxy(79.5542, 0.3599, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3BA
RGB	254, 227, 186
RGB Percent	100%, 89%, 73%
CMY	0.0041, 0.1097, 0.2706
CMYK	0.00, 0.11, 0.27, 0.00
HSL	36°, 97%, 86%
HSV	36°, 27%, 100%
XYZ	77.1948, 79.5542, 57.7406
YIQ	230.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

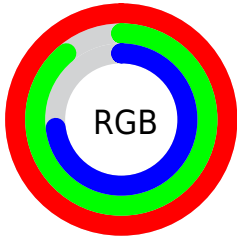
Format	Color
R _Y B	231, 254, 186
Decimal	16704442
CIE Lab	91.48, 3.21, 23.43
CIE LCh	91, 23.652, 82.208
Yxy	79.5542, 0.3599, 0.3709
Android (android.graphics.Color)	4294894522 (0xFFFE3BA)
YUV	230.3990, -21.8887, 20.6981
Hunter-Lab	89.1932, -1.6000, 24.0529

Details

The Yxy color **79.5542, 0.3599, 0.3709** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.1531, 0.2691, 0.2831**, and the grayscale version is **79.5901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **43.0688, 0.3706, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **73.2236, 0.3810, 0.3871**, and if you desaturate by 10%, it is **86.4061, 0.3407, 0.3547**.

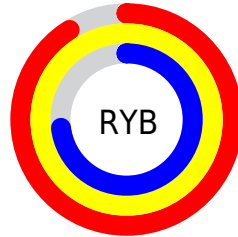
Distribution



Red (100%)

Green (89%)

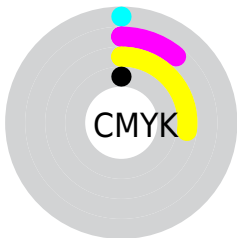
Blue (73%)



Red (91%)

Yellow (100%)

Blue (73%)

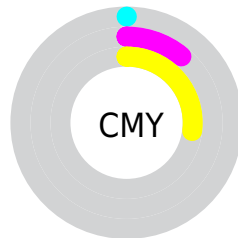


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5542, 0.3599, 0.3709 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 79.5542, 0.3599, 0.3709 by changing the saturation by 10% instead.


 79.5542, 0.3599,
0.3709

 79.5542, 0.3599,
0.3709

493.4292, 0.3384,
0.3521

 59.3516, 0.3647,
0.3750


 132.7388, 0.3525,
0.3645

 42.8962, 0.3705,
0.3801


166.4895, 0.3496,
0.3620

 29.8037, 0.3779,
0.3863


205.5251, 0.3471,
0.3598

 19.6896, 0.3872,
0.3942

250.2299, 0.3450,
0.3578

 12.1696, 0.3995,
0.4044

300.9883, 0.3430,
0.3561

 6.8593, 0.4164,
0.4181

358.1847, 0.3413,

 3.3743, 0.4402,

0.3546

0.4367

422.2036, 0.3398,
0.3533

■ 1.3301, 0.5073,
0.4927

■ 0.1643, 0.5879,
0.4121

■ 79.5542, 0.3599,
0.3709

■ 79.5542, 0.3599,
0.3709

■ 73.2236, 0.3810,
0.3871

■ 86.4061, 0.3407,
0.3547

■ 67.3878, 0.4035,
0.4026

■ 93.7832, 0.3233,
0.3391

■ 62.0338, 0.4269,
0.4165

99.8038, 0.3121,
0.3290

■ 57.1435, 0.4503,
0.4275

■ 52.6969, 0.4725,
0.4344

■ 48.6717, 0.4921,
0.4363

■ 45.0408, 0.5082,
0.4328

■ 43.9379, 0.5129,
0.4309

Harmonies

Analogous

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



79.5542, 0.3679, 0.3529



79.5542, 0.3599, 0.3709



79.5542, 0.3392, 0.3783

Triad

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



79.5542, 0.3599, 0.3709



79.5542, 0.2672, 0.3251



79.5542, 0.3116, 0.2911

Complementary

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



79.5542, 0.3599, 0.3709



65.1531, 0.2691, 0.2831

Split Complementary

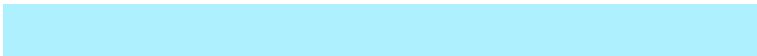
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5542, 0.2852, 0.2834



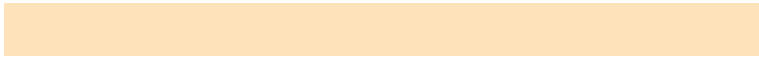
79.5542, 0.3599, 0.3709



79.5542, 0.2605, 0.3015

Square

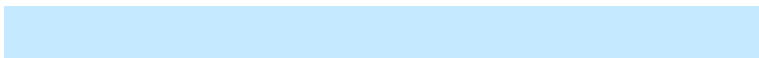
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5542, 0.3599, 0.3709



79.5542, 0.2857, 0.3513



79.5542, 0.2669, 0.2868



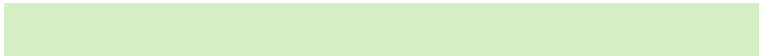
79.5542, 0.3393, 0.3078

Rectangle

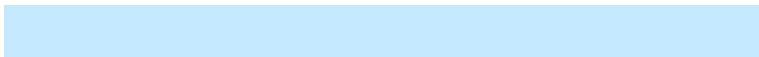
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5542, 0.3599, 0.3709



79.5542, 0.3213, 0.3753



79.5542, 0.2669, 0.2868



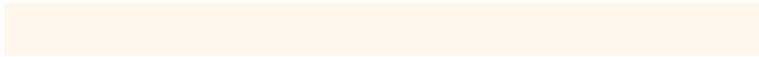
79.5542, 0.3023, 0.2874

Sweetspot

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



79.5578, 0.3599, 0.3709



93.7030, 0.3254, 0.3410



60.9955, 0.3478, 0.3011



19.8112, 0.3279, 0.3433



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.



79.5578, 0.3599, 0.3709



76.8810, 0.3707, 0.3794



94.2098, 0.3487, 0.3972



19.8112, 0.3279, 0.3433



23.4684, 0.5110, 0.4325



2.4985, 0.4977, 0.4430

Inverse Universe

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



65.1531, 0.2691, 0.2831



60.1724, 0.2599, 0.2726



53.5823, 0.2707, 0.2527



18.5593, 0.2979, 0.3143



8.9168, 0.1680, 0.1248



1.0743, 0.1742, 0.1472

Previews

White Background



This preview shows how the Yxy color 79.5542, 0.3599, 0.3709 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 79.5542, 0.3599, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

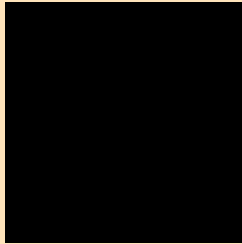
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5542, 0.3599, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 79.5542, 0.3599, 0.3709.



This preview shows how white text looks on a background with the Yxy color 79.5542, 0.3599, 0.3709.

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

79.5542, 0.3599, 0.3709

Protanopia

79.4576, 0.3504, 0.3728

Deuteranopia

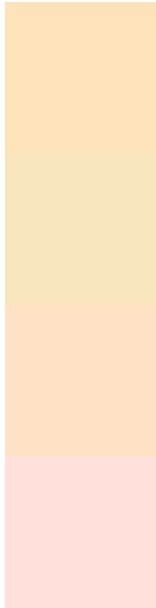
79.5182, 0.3479, 0.3493



Tritanopia

79.5587, 0.3268, 0.3152

Trichromacy



Original Color

79.5542, 0.3599, 0.3709

Protanomaly

79.5829, 0.3543, 0.3725

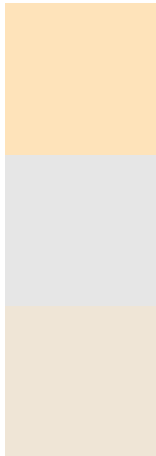
Deuteranomaly

79.7299, 0.3525, 0.3575

Tritanomaly

79.6333, 0.3390, 0.3351

Monochromacy



Original Color

79.5542, 0.3599, 0.3709

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.2444, 0.3295, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5542, 0.3599, 0.3709 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(254, 227, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 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(254, 227, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 186) }
```

Border

The CSS property to change the border of an element to Yxy 79.5542, 0.3599, 0.3709 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(254, 227, 186) }
```

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

```
.border{ border-color:rgb(254, 227, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 227, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 227, 186); box-shadow:4px 4px 4px 4px rgb(254, 227, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5542, 0.3599, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 186) }
```

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

```
.background{ background-color: rgb(254,  
227, 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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