

Converting Colors

$Y_{xy}(121.0491, 0.4174, 0.3400)$

Have a look what the booklet for
Yxy(121.0491, 0.4174, 0.3400)
contains.

Yxy(88.3748, 0.3329, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.3748, 0.3329, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFEO
RGB	255, 239, 224
RGB Percent	100%, 94%, 88%
CMY	0.0002, 0.0627, 0.1216
CMYK	0.00, 0.06, 0.12, 0.00
HSL	29°, 100%, 94%
HSV	29°, 12%, 100%
XYZ	85.5480, 88.3748, 83.0554
YIQ	242.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

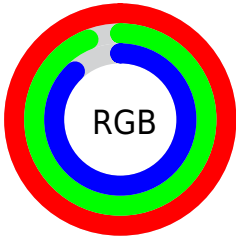
Format	Color
R _Y B	255, 253, 224
Decimal	16773088
CIE Lab	95.32, 2.93, 9.19
CIE LCh	95, 9.646, 72.291
Yxy	88.3748, 0.3329, 0.3439
Android (android.graphics.Color)	4294963168 (0xFFFEFE0)
YUV	242.0740, -8.9105, 11.3361
Hunter-Lab	94.0079, -2.0771, 13.4232

Details

The Yxy color **88.3748, 0.3329, 0.3439** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3359, 0.2937, 0.3136**, and the grayscale version is **88.9161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7373, 0.3371, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **79.6918, 0.3522, 0.3569**, and if you desaturate by 10%, it is **97.8306, 0.3160, 0.3316**.

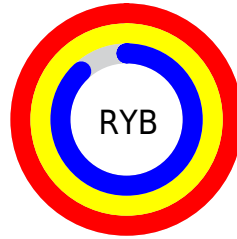
Distribution



Red (100%)

Green (94%)

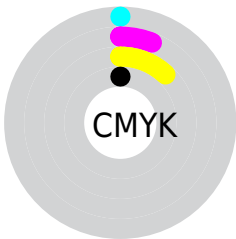
Blue (88%)



Red (100%)

Yellow (99%)

Blue (88%)

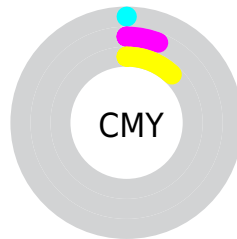


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3748, 0.3329, 0.3439 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 88.3748, 0.3329, 0.3439 by changing the saturation by 10% instead.

 88.3748, 0.3329,
0.3439

 88.3748, 0.3329,
0.3439


522.7298, 0.3239,
0.3373

 66.6335, 0.3349,
0.3453


145.0788, 0.3298,
0.3417

 48.7869, 0.3373,
0.3471

180.8104, 0.3286,
0.3408

 34.4504, 0.3404,
0.3493


221.9741, 0.3275,
0.3400

 23.2398, 0.3443,
0.3521

268.9545, 0.3266,
0.3393

 14.7707, 0.3495,
0.3557

322.1359, 0.3258,
0.3387

 8.6586, 0.3567,
0.3607

381.9026, 0.3251,

 4.5192, 0.3673,

0.3382

0.3680

448.6391, 0.3244,
0.3377

■ 1.9680, 0.3846,
0.3794

■ 0.5888, 0.5174,
0.4826

■ 88.3748, 0.3329,
0.3439

■ 88.3748, 0.3329,
0.3439

■ 79.6918, 0.3522,
0.3569

■ 97.8306, 0.3160,
0.3316

■ 71.7489, 0.3741,
0.3702

99.9927, 0.3127,
0.3290

■ 64.5280, 0.3986,
0.3833

■ 58.0059, 0.4253,
0.3953

■ 52.1575, 0.4536,
0.4052

■ 46.9562, 0.4820,
0.4116

■ 42.3724, 0.5090,
0.4134

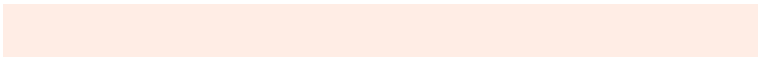
■ 38.3729, 0.5324,
0.4095

■ 35.6113, 0.5479,
0.4031

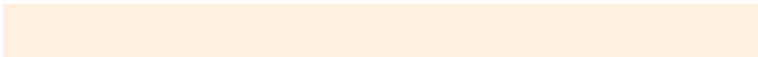
Harmonies

Analogous

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



88.3748, 0.3339, 0.3361



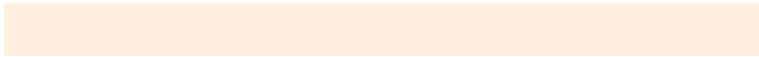
88.3748, 0.3329, 0.3439



88.3748, 0.3264, 0.3479

Triad

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



88.3748, 0.3329, 0.3439



88.3748, 0.2966, 0.3312



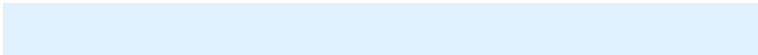
88.3748, 0.3088, 0.3121

Complementary

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



88.3748, 0.3329, 0.3439



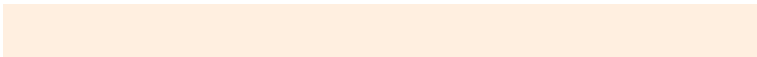
85.3359, 0.2937, 0.3136

Split Complementary

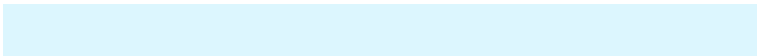
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3748, 0.2990, 0.3106



88.3748, 0.3329, 0.3439



88.3748, 0.2920, 0.3214

Square

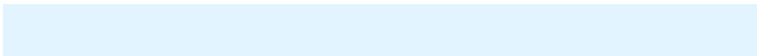
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3748, 0.3329, 0.3439



88.3748, 0.3054, 0.3405



88.3748, 0.2929, 0.3139



88.3748, 0.3198, 0.3179

Rectangle

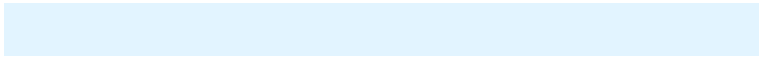
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3748, 0.3329, 0.3439



88.3748, 0.3199, 0.3477



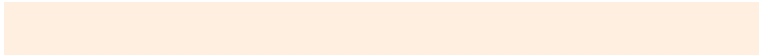
88.3748, 0.2929, 0.3139



88.3748, 0.3053, 0.3110

Sweetspot

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



88.3787, 0.3329, 0.3439



96.0573, 0.3190, 0.3338



80.8443, 0.3239, 0.3133



20.4045, 0.3202, 0.3347



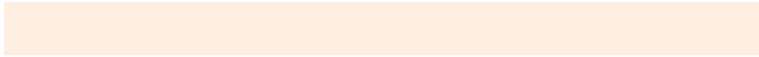
0.0000, 0.0000, 0.0000



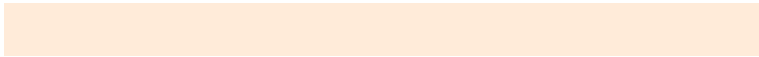
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3787, 0.3329, 0.3439



85.8561, 0.3381, 0.3476



97.8001, 0.3310, 0.3587



19.4426, 0.3282, 0.3406



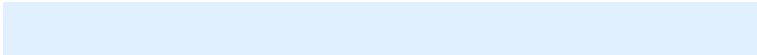
18.9101, 0.5453, 0.4052



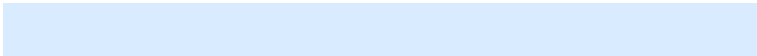
2.0589, 0.5272, 0.4196

Inverse Universe

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



85.3359, 0.2937, 0.3136



82.1730, 0.2891, 0.3097



76.6408, 0.2934, 0.2975



18.9236, 0.2979, 0.3172



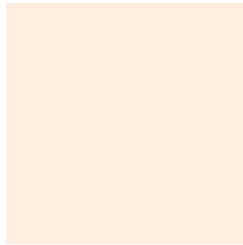
12.5842, 0.1784, 0.1623



1.4441, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 88.3748, 0.3329, 0.3439 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 88.3748, 0.3329, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

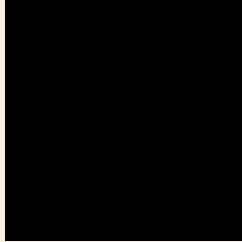
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3748, 0.3329, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 88.3748, 0.3329, 0.3439.

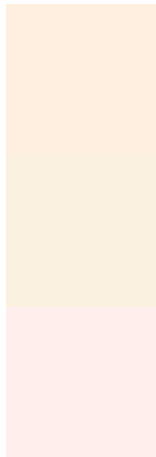


This preview shows how white text looks on a background with the Yxy color 88.3748, 0.3329, 0.3439.

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

88.3748, 0.3329, 0.3439

Protanopia

88.6708, 0.3286, 0.3450

Deuteranopia

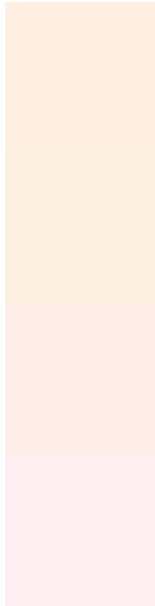
88.4072, 0.3260, 0.3320



Tritanopia

88.1530, 0.3167, 0.3155

Trichromacy



Original Color

88.3748, 0.3329, 0.3439

Protanomaly

88.4519, 0.3301, 0.3439

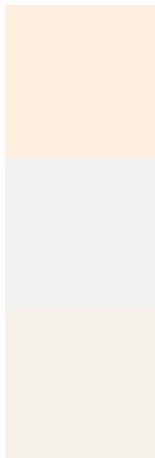
Deuteranomaly

88.1786, 0.3285, 0.3359

Tritanomaly

88.1792, 0.3223, 0.3251

Monochromacy



Original Color

88.3748, 0.3329, 0.3439

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6829, 0.3204, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3748, 0.3329, 0.3439 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(255, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 224)  
}
```

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(255, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.3748, 0.3329, 0.3439 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(255, 239, 224) }
```

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

```
.border{ border-color:rgb(255, 239, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 224); box-shadow:4px 4px 4px 4px rgb(255, 239, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3748, 0.3329, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 224) }
```

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

```
.background{ background-color: rgb(255,  
239, 224) }
```

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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