

Converting Colors

Yxy(89.1816, 0.3302, 0.3409)

Have a look what the booklet for
Yxy(89.1816, 0.3302, 0.3409)
contains.

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Color

Yxy(89.1816, 0.3302, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0E4
RGB	255, 240, 228
RGB Percent	100%, 94%, 89%
CMY	0.0003, 0.0587, 0.1060
CMYK	0.00, 0.06, 0.11, 0.00
HSL	27°, 100%, 95%
HSV	27°, 11%, 100%
XYZ	86.3824, 89.1816, 86.0423
YIQ	243.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

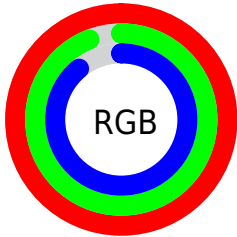
Format	Color
R _Y B	255, 250, 228
Decimal	16773348
CIE Lab	95.66, 3.04, 7.61
CIE LCh	96, 8.192, 68.196
Yxy	89.1816, 0.3302, 0.3409
Android (android.graphics.Color)	4294963428 (0xFFFFF0E4)
YUV	243.1170, -7.4527, 10.4214
Hunter-Lab	94.4360, -1.9857, 12.0850

Details

The Yxy color **89.1816, 0.3302, 0.3409** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7357, 0.2962, 0.3168**, and the grayscale version is **89.7737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3039, 0.3336, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **79.8924, 0.3494, 0.3528**, and if you desaturate by 10%, it is **99.3320, 0.3136, 0.3296**.

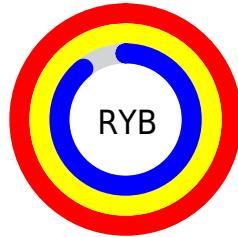
Distribution



Red (100%)

Green (94%)

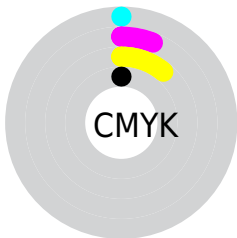
Blue (89%)



Red (100%)

Yellow (98%)

Blue (89%)

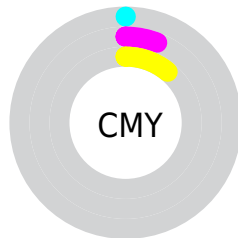


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.1816, 0.3302, 0.3409 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 89.1816, 0.3302, 0.3409 by changing the saturation by 10% instead.


 89.1816, 0.3302,
0.3409

 89.1816, 0.3302,
0.3409


525.3650, 0.3224,
0.3356

 67.3021, 0.3319,
0.3421


146.2011, 0.3275,
0.3391

 49.3301, 0.3340,
0.3434


182.1098, 0.3265,
0.3384

 34.8814, 0.3367,
0.3452


223.4637, 0.3256,
0.3378

 23.5716, 0.3400,
0.3474

270.6472, 0.3248,
0.3373

 15.0161, 0.3445,
0.3503

324.0447, 0.3241,
0.3368

 8.8307, 0.3507,
0.3542

384.0406, 0.3234,

 4.6309, 0.3599,

0.3364

0.3600

451.0192, 0.3229,
0.3360

■ 2.0324, 0.3748,
0.3691

■ 0.6262, 0.4631,
0.4331

■ 89.1816, 0.3302,
0.3409

■ 89.1816, 0.3302,
0.3409

■ 79.8924, 0.3494,
0.3528

99.3320, 0.3136,
0.3296

■ 71.4290, 0.3714,
0.3651

99.9873, 0.3127,
0.3290

■ 63.7705, 0.3963,
0.3773

■ 56.8906, 0.4239,
0.3886

■ 50.7614, 0.4535,
0.3980

■ 45.3529, 0.4839,
0.4042

■ 40.6323, 0.5131,
0.4059

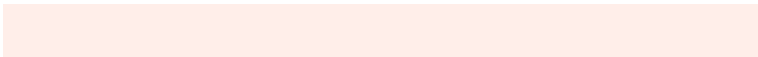
■ 36.5632, 0.5391,
0.4022

■ 33.2793, 0.5593,
0.3941

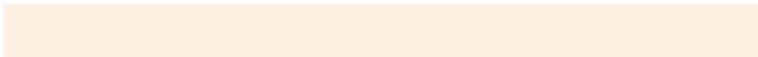
Harmonies

Analogous

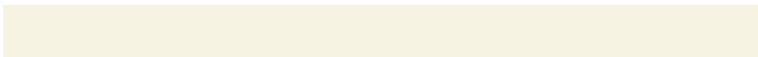
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1816, 0.3303, 0.3340



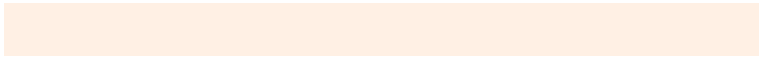
89.1816, 0.3302, 0.3409



89.1816, 0.3253, 0.3448

Triad

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



89.1816, 0.3302, 0.3409



89.1816, 0.2999, 0.3320



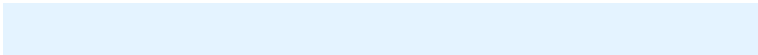
89.1816, 0.3082, 0.3142

Complementary

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



89.1816, 0.3302, 0.3409



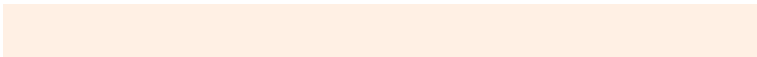
87.7357, 0.2962, 0.3168

Split Complementary

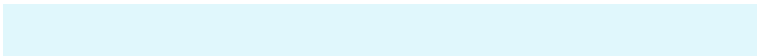
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1816, 0.3002, 0.3135



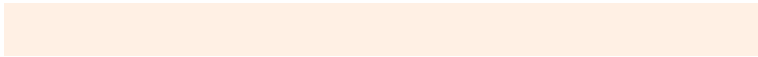
89.1816, 0.3302, 0.3409



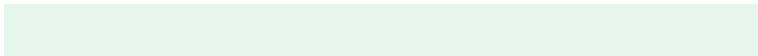
89.1816, 0.2954, 0.3236

Square

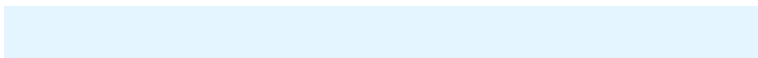
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1816, 0.3302, 0.3409



89.1816, 0.3078, 0.3397



89.1816, 0.2955, 0.3169



89.1816, 0.3175, 0.3187

Rectangle

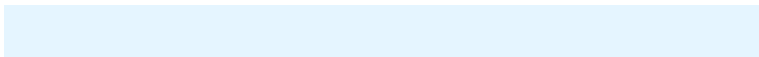
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.1816, 0.3302, 0.3409



89.1816, 0.3201, 0.3450



89.1816, 0.2955, 0.3169



89.1816, 0.3052, 0.3135

Sweetspot

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



89.1855, 0.3302, 0.3409



96.8481, 0.3174, 0.3323



83.2082, 0.3215, 0.3141



20.5520, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



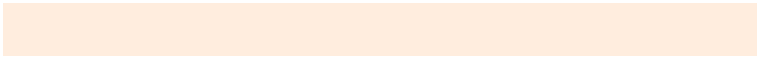
21.4041, 0.3127, 0.3290

Same Dimension

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



89.1855, 0.3302, 0.3409



86.9047, 0.3346, 0.3437



97.1839, 0.3287, 0.3535



19.3242, 0.3283, 0.3397



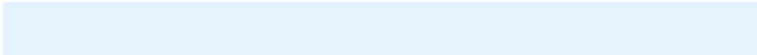
17.6870, 0.5565, 0.3963



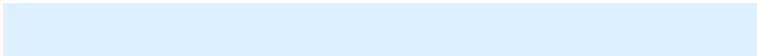
1.9363, 0.5371, 0.4118

Inverse Universe

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



87.7357, 0.2962, 0.3168



85.1507, 0.2924, 0.3138



80.1744, 0.2961, 0.3033



19.0431, 0.2979, 0.3181



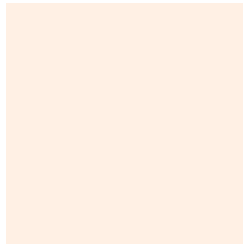
14.0264, 0.1821, 0.1754



1.5839, 0.1873, 0.1944

Previews

White Background



This preview shows how the Yxy color 89.1816, 0.3302, 0.3409 looks on a white background.

Color Contrast Check

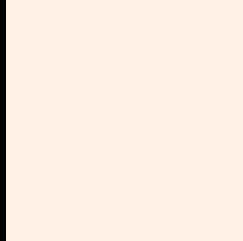
Large Text (above 18pt) WCAG AA × Fail

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 89.1816, 0.3302, 0.3409 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 89.1816, 0.3302, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 89.1816, 0.3302, 0.3409.

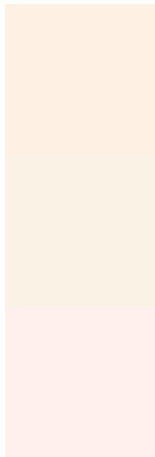


This preview shows how white text looks on a background with the Yxy color 89.1816, 0.3302, 0.3409.

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

89.1816, 0.3302, 0.3409

Protanopia

89.4854, 0.3260, 0.3419

Deuteranopia

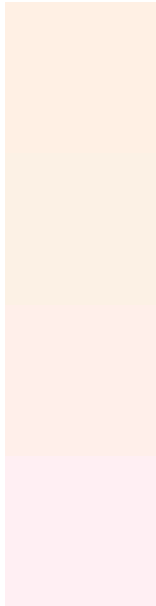
89.1074, 0.3246, 0.3310



Tritanopia

89.4373, 0.3153, 0.3155

Trichromacy



Original Color

89.1816, 0.3302, 0.3409

Protanomaly

89.2632, 0.3275, 0.3409

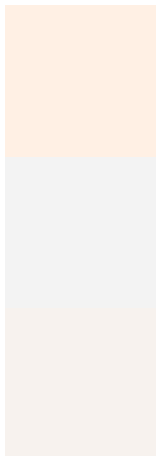
Deuteranomaly

88.9335, 0.3265, 0.3339

Tritanomaly

89.4641, 0.3208, 0.3251

Monochromacy



Original Color

89.1816, 0.3302, 0.3409

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.4515, 0.3184, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.1816, 0.3302, 0.3409 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, 240, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 228)  
}
```

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, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 228) }
```

Border

The CSS property to change the border of an element to Yxy 89.1816, 0.3302, 0.3409 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, 240, 228) }
```

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

```
.border{ border-color:rgb(255, 240, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 240, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 240, 228); box-shadow:4px 4px 4px 4px rgb(255, 240, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1816, 0.3302, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 228) }
```

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

```
.background{ background-color: rgb(255,  
240, 228) }
```

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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