

Converting Colors

$Yxy(89.2894, 0.3210, 0.3368)$

Have a look what the booklet for
Yxy(89.2894, 0.3210, 0.3368)
contains.

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Color

Yxy(89.2189, 0.3209, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	F7F2EA
RGB	247, 242, 234
RGB Percent	97%, 95%, 92%
CMY	0.0314, 0.0509, 0.0824
CMYK	0.00, 0.02, 0.05, 0.03
HSL	37°, 45%, 94%
HSV	37°, 5%, 97%
XYZ	84.9565, 89.2189, 90.5691
YIQ	242.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

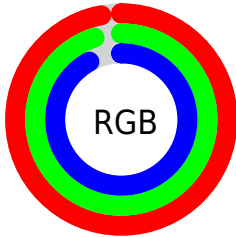
Format	Color
RYB	242, 247, 234
Decimal	16249578
CIELab	95.67, 0.30, 4.45
CIELCh	96, 4.456, 86.189
Yxy	89.2189, 0.3209, 0.3370
Android (android.graphics.Color)	4294439658 (0xFFFF7F2EA)
YUV	242.5830, -4.2314, 3.8737
Hunter-Lab	94.4558, -4.7490, 9.2687

Details

The Yxy color **89.2189, 0.3209, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.9153, 0.3046, 0.3209**, and the grayscale version is **89.3108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.4085, 0.3232, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **82.4155, 0.3378, 0.3528**, and if you desaturate by 10%, it is **96.2798, 0.3079, 0.3256**.

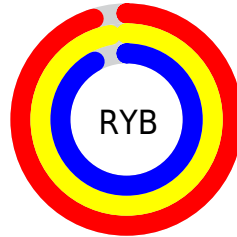
Distribution



Red (97%)

Green (95%)

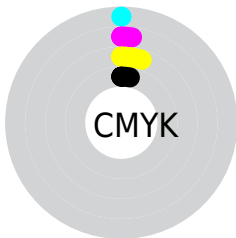
Blue (92%)



Red (95%)

Yellow (97%)

Blue (92%)

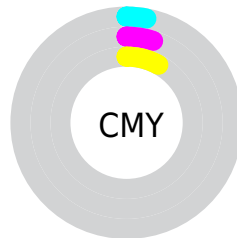


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (3%)



Cyan (3%)


Magenta (5%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2189, 0.3209, 0.3370 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 89.2189, 0.3209, 0.3370 by changing the saturation by 10% instead.


 89.2189, 0.3209,
0.3370

 89.2189, 0.3209,
0.3370


525.4867, 0.3172,
0.3334

 67.3330, 0.3217,
0.3378


146.2529, 0.3197,
0.3358

 49.3553, 0.3227,
0.3387


182.1698, 0.3192,
0.3353

 34.9014, 0.3239,
0.3399


223.5325, 0.3187,
0.3349

 23.5869, 0.3255,
0.3414

270.7254, 0.3184,
0.3345

 15.0275, 0.3275,
0.3435

324.1329, 0.3180,
0.3342

 8.8387, 0.3304,
0.3462

384.1393, 0.3177,

 4.6361, 0.3347,

0.3339

451.1291, 0.3175,
0.3337

0.3504

■ 2.0354, 0.3416,
0.3571

■ 0.6279, 0.3764,
0.3913

■ 89.2189, 0.3209,
0.3370

■ 89.2189, 0.3209,
0.3370

■ 82.4155, 0.3378,
0.3528

■ 96.2798, 0.3079,
0.3256

■ 76.0848, 0.3566,
0.3693

■ 98.5129, 0.3078,
0.3290

■ 70.2174, 0.3772,
0.3858

■ 64.7995, 0.3992,
0.4018

■ 59.8161, 0.4220,
0.4162

■ 55.2512, 0.4449,
0.4280

■ 51.0870, 0.4667,
0.4360

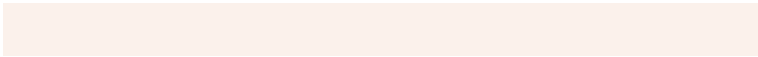
■ 47.3036, 0.4861,
0.4390

■ 43.8774, 0.5022,
0.4367

Harmonies

Analogous

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



89.2189, 0.3226, 0.3342



89.2189, 0.3209, 0.3370



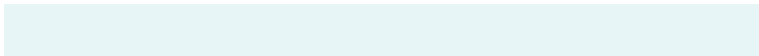
89.2189, 0.3170, 0.3377

Triad

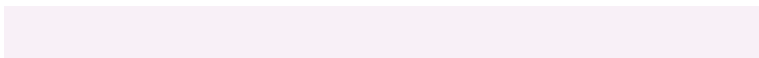
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2189, 0.3209, 0.3370



89.2189, 0.3040, 0.3279



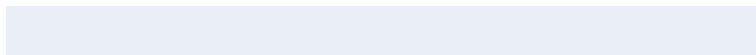
89.2189, 0.3133, 0.3222

Complementary

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



89.2189, 0.3209, 0.3370



85.9153, 0.3046, 0.3209

Split Complementary

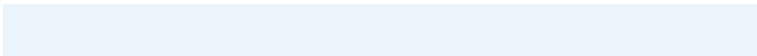
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2189, 0.3084, 0.3205



89.2189, 0.3209, 0.3370



89.2189, 0.3030, 0.3238

Square

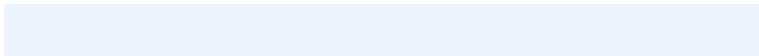
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



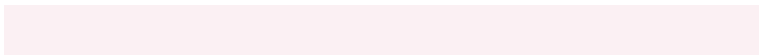
89.2189, 0.3209, 0.3370



89.2189, 0.3073, 0.3324



89.2189, 0.3046, 0.3211



89.2189, 0.3182, 0.3256

Rectangle

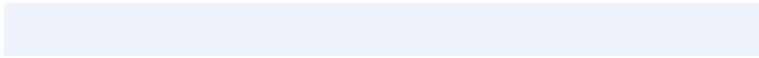
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2189, 0.3209, 0.3370



89.2189, 0.3138, 0.3368



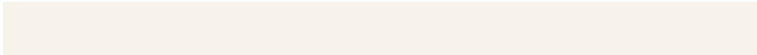
89.2189, 0.3046, 0.3211



89.2189, 0.3116, 0.3214

Sweetspot

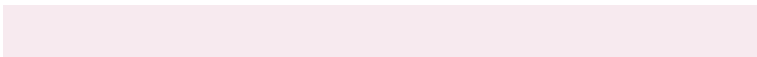
The Sweet Spot groups the original color and five complimentary colors.



89.2228, 0.3209, 0.3370



98.4363, 0.3158, 0.3320



84.8375, 0.3184, 0.3240



21.0859, 0.3156, 0.3319



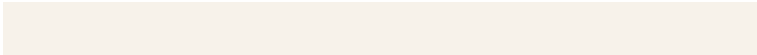
0.0000, 0.0000, 0.0000



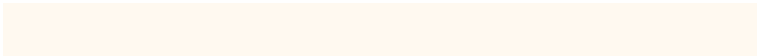
21.4041, 0.3127, 0.3290

Same Dimension

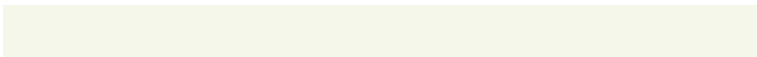
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2228, 0.3209, 0.3370



95.3725, 0.3221, 0.3382



91.9546, 0.3195, 0.3419



18.6000, 0.3231, 0.3391



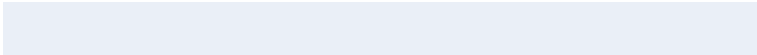
22.6908, 0.5069, 0.4357



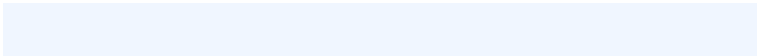
2.1926, 0.4930, 0.4467

Inverse Universe

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



85.9153, 0.3046, 0.3209



91.3359, 0.3035, 0.3197



83.2966, 0.3057, 0.3158



17.7301, 0.3025, 0.3187



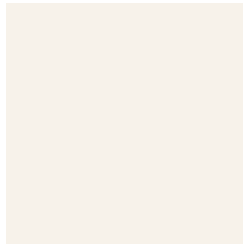
8.0932, 0.1670, 0.1212



0.9036, 0.1739, 0.1460

Previews

White Background



This preview shows how the Yxy color 89.2189, 0.3209, 0.3370 looks on a white background.

Color Contrast Check

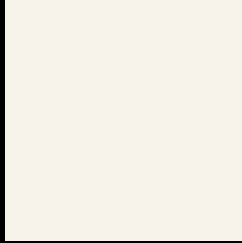
Large Text (above 18pt) WCAG AA × Fail

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 89.2189, 0.3209, 0.3370 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

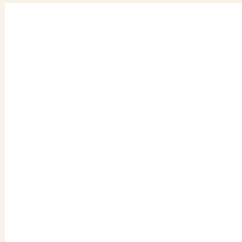
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2189, 0.3209, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 89.2189, 0.3209, 0.3370.

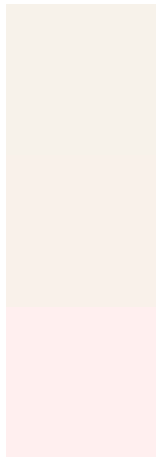


This preview shows how white text looks on a background with the Yxy color 89.2189, 0.3209, 0.3370.

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

89.2189, 0.3209, 0.3370

Protanopia

88.9908, 0.3223, 0.3360

Deuteranopia

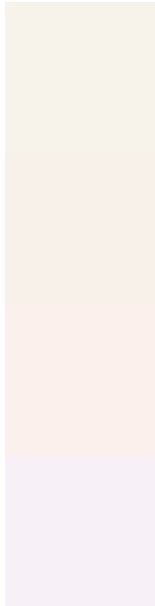
89.2250, 0.3234, 0.3290



Tritanopia

89.0927, 0.3095, 0.3134

Trichromacy



Original Color

89.2189, 0.3209, 0.3370

Protanomaly

88.8076, 0.3216, 0.3360

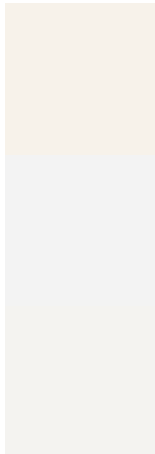
Deuteranomaly

89.1300, 0.3225, 0.3320

Tritanomaly

88.9920, 0.3137, 0.3221

Monochromacy



Original Color

89.2189, 0.3209, 0.3370

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.6256, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2189, 0.3209, 0.3370 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(247, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 242, 234)  
}
```

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(247, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 234) }
```

Border

The CSS property to change the border of an element to Yxy 89.2189, 0.3209, 0.3370 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(247, 242, 234) }
```

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

```
.border{ border-color:rgb(247, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2189, 0.3209, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 242, 234) }
```

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

```
.background{ background-color: rgb(247,  
242, 234) }
```

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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