

Converting Colors

$Yxy(89.6907, 0.3292, 0.3449)$

Have a look what the booklet for
Yxy(89.6907, 0.3292, 0.3449)
contains.

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Color

Yxy(89.6907, 0.3292, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2E2
RGB	252, 242, 226
RGB Percent	99%, 95%, 89%
CMY	0.0120, 0.0509, 0.1137
CMYK	0.00, 0.04, 0.10, 0.01
HSL	37°, 81%, 94%
HSV	37°, 10%, 99%
XYZ	85.6079, 89.6907, 84.7498
YIQ	243.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

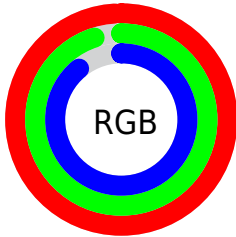
Format	Color
R_{YB}	242, 252, 226
Decimal	16577250
CIE Lab	95.87, 0.68, 8.90
CIE LCh	96, 8.928, 85.651
Yxy	89.6907, 0.3292, 0.3449
Android (android.graphics.Color)	4294767330 (0xFFFCF2E2)
YUV	243.1660, -8.4628, 7.7474
Hunter-Lab	94.7052, -4.3805, 13.2362

Details

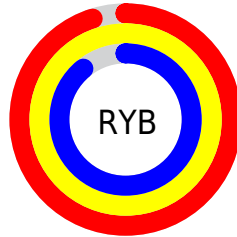
The Yxy color **89.6907, 0.3292, 0.3449** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1349, 0.2966, 0.3126**, and the grayscale version is **89.8254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6602, 0.3323, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **82.8285, 0.3471, 0.3611**, and if you desaturate by 10%, it is **97.0659, 0.3132, 0.3294**.

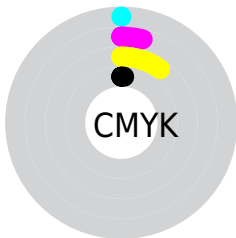
Distribution



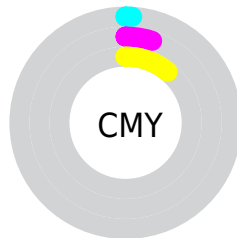
- Red (99%)
- Green (95%)
- Blue (89%)



- Red (95%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6907, 0.3292, 0.3449 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 89.6907, 0.3292, 0.3449 by changing the saturation by 10% instead.


 89.6907, 0.3292,
0.3449

 89.6907, 0.3292,
0.3449


527.0242, 0.3218,
0.3378

 67.7241, 0.3308,
0.3465


146.9087, 0.3267,
0.3425

 49.6733, 0.3328,
0.3483


182.9289, 0.3257,
0.3415

 35.1539, 0.3352,
0.3507


224.4025, 0.3249,
0.3407

 23.7815, 0.3384,
0.3537

271.7138, 0.3241,
0.3400

 15.1716, 0.3425,
0.3576

325.2472, 0.3234,
0.3394

 8.9399, 0.3483,
0.3631

385.3871, 0.3229,

 4.7020, 0.3567,

0.3388

0.3711

452.5180, 0.3223,
0.3383

■ 2.0735, 0.3702,
0.3838

■ 0.6497, 0.4632,
0.4747

■ 89.6907, 0.3292,
0.3449

■ 89.6907, 0.3292,
0.3449

■ 82.8285, 0.3471,
0.3611

■ 97.0659, 0.3132,
0.3294

■ 76.4540, 0.3668,
0.3777

■ 99.4243, 0.3108,
0.3290

■ 70.5570, 0.3881,
0.3941

■ 65.1224, 0.4107,
0.4095

■ 60.1339, 0.4337,
0.4228

■ 55.5740, 0.4562,
0.4328

■ 51.4229, 0.4769,
0.4383

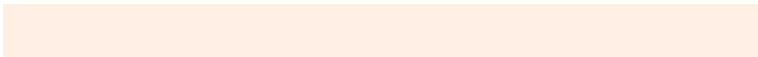
■ 47.6582, 0.4946,
0.4386

■ 44.3420, 0.5088,
0.4342

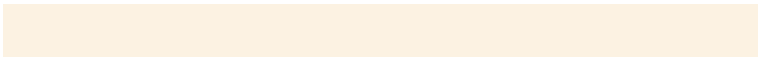
Harmonies

Analogous

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



89.6907, 0.3325, 0.3391



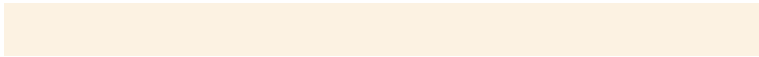
89.6907, 0.3292, 0.3449



89.6907, 0.3215, 0.3465

Triad

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



89.6907, 0.3292, 0.3449



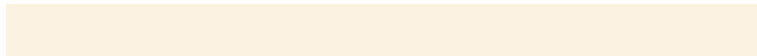
89.6907, 0.2954, 0.3269



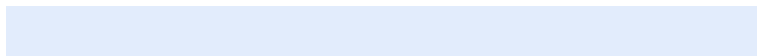
89.6907, 0.3137, 0.3153

Complementary

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



89.6907, 0.3292, 0.3449



83.1349, 0.2966, 0.3126

Split Complementary

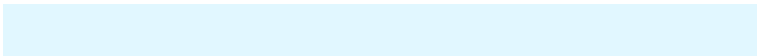
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6907, 0.3038, 0.3121



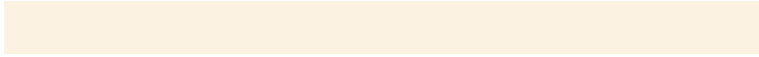
89.6907, 0.3292, 0.3449



89.6907, 0.2934, 0.3185

Square

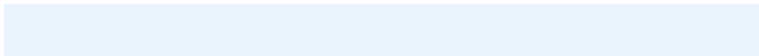
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6907, 0.3292, 0.3449



89.6907, 0.3020, 0.3360



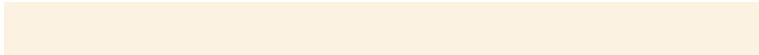
89.6907, 0.2964, 0.3132



89.6907, 0.3234, 0.3221

Rectangle

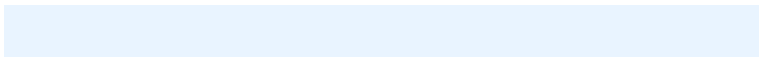
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6907, 0.3292, 0.3449



89.6907, 0.3149, 0.3449



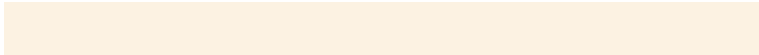
89.6907, 0.2964, 0.3132



89.6907, 0.3103, 0.3138

Sweetspot

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



89.6946, 0.3292, 0.3449



97.6656, 0.3173, 0.3335



81.1296, 0.3243, 0.3191



20.7726, 0.3186, 0.3348



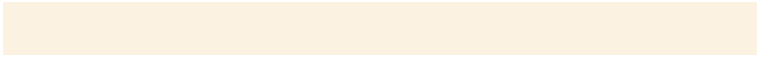
0.0000, 0.0000, 0.0000



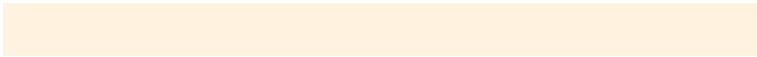
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6946, 0.3292, 0.3449



90.9469, 0.3321, 0.3476



95.1984, 0.3261, 0.3546



19.0111, 0.3278, 0.3436



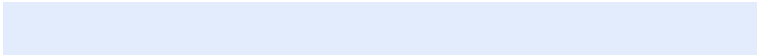
23.4043, 0.5069, 0.4357



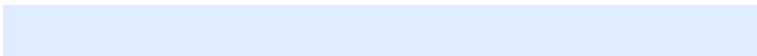
2.3725, 0.4936, 0.4463

Inverse Universe

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



83.1349, 0.2966, 0.3126



83.1774, 0.2939, 0.3097



78.0791, 0.2985, 0.3024



17.7305, 0.2979, 0.3139



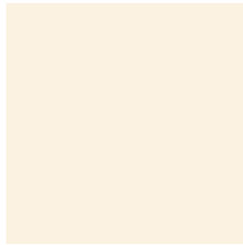
8.3120, 0.1669, 0.1209



0.9676, 0.1735, 0.1444

Previews

White Background



This preview shows how the Yxy color 89.6907, 0.3292, 0.3449 looks on a white background.

Color Contrast Check

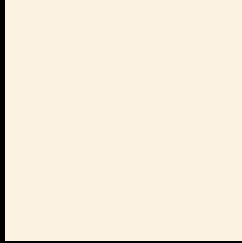
Large Text (above 18pt) WCAG AA × Fail

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 89.6907, 0.3292, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

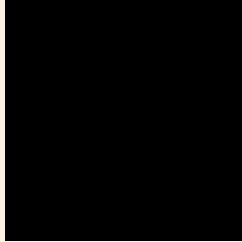
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6907, 0.3292, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 89.6907, 0.3292, 0.3449.

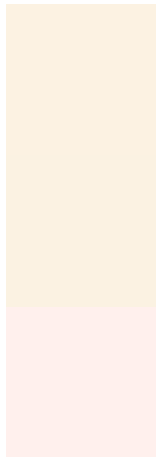


This preview shows how white text looks on a background with the Yxy color 89.6907, 0.3292, 0.3449.

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

89.6907, 0.3292, 0.3449

Protanopia

89.5045, 0.3286, 0.3449

Deuteranopia

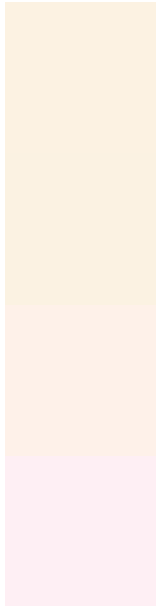
89.6946, 0.3245, 0.3320



Tritanopia

89.6291, 0.3135, 0.3127

Trichromacy



Original Color

89.6907, 0.3292, 0.3449

Protanomaly

89.5045, 0.3286, 0.3449

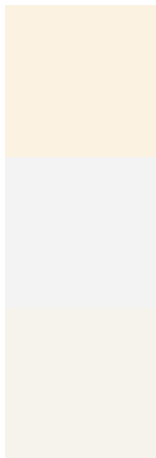
Deuteranomaly

89.8646, 0.3263, 0.3369

Tritanomaly

89.3355, 0.3196, 0.3242

Monochromacy



Original Color

89.6907, 0.3292, 0.3449

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8084, 0.3183, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6907, 0.3292, 0.3449 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(252, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 226)  
}
```

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(252, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 226) }
```

Border

The CSS property to change the border of an element to Yxy 89.6907, 0.3292, 0.3449 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(252, 242, 226) }
```

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

```
.border{ border-color:rgb(252, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6907, 0.3292, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 226) }
```

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

```
.background{ background-color: rgb(252,  
242, 226) }
```

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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