

Converting Colors

$Yxy(87.8165, 0.3277, 0.3428)$

Have a look what the booklet for
Yxy(87.8165, 0.3277, 0.3428)
contains.

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Color

Yxy(87.9509, 0.3274, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	F9F0E2
RGB	249, 240, 226
RGB Percent	98%, 94%, 89%
CMY	0.0236, 0.0588, 0.1137
CMYK	0.00, 0.04, 0.09, 0.02
HSL	37°, 66%, 93%
HSV	37°, 9%, 98%
XYZ	83.9508, 87.9509, 84.5149
YIQ	241.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

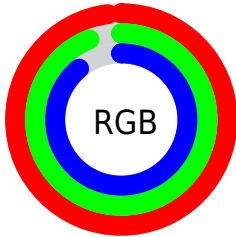
Format	Color
R _Y B	241, 249, 226
Decimal	16380130
CIE Lab	95.14, 0.68, 7.82
CIE LCh	95, 7.847, 85.034
Yxy	87.9509, 0.3274, 0.3430
Android (android.graphics.Color)	4294570210 (0xFF9F0E2)
YUV	241.0950, -7.4418, 6.9327
Hunter-Lab	93.7821, -4.3312, 12.2163

Details

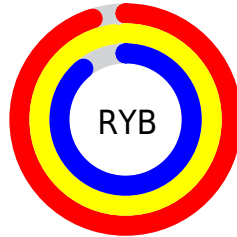
The Yxy color **87.9509, 0.3274, 0.3430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4197, 0.2984, 0.3146**, and the grayscale version is **88.0969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5587, 0.3309, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **81.1114, 0.3451, 0.3589**, and if you desaturate by 10%, it is **95.3035, 0.3115, 0.3279**.

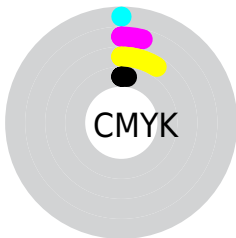
Distribution



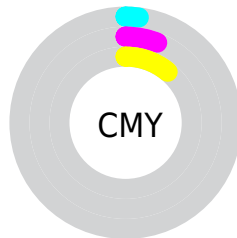
- Red (98%)
- Green (94%)
- Blue (89%)



- Red (95%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9509, 0.3274, 0.3430 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 87.9509, 0.3274, 0.3430 by changing the saturation by 10% instead.


 87.9509, 0.3274,
0.3430

 87.9509, 0.3274,
0.3430


521.3424, 0.3208,
0.3368

 66.2824, 0.3289,
0.3444

144.4888, 0.3252,
0.3409

 48.5017, 0.3306,
0.3461


180.1270, 0.3243,
0.3400

 34.2244, 0.3328,
0.3481

221.1905, 0.3235,
0.3393

 23.0660, 0.3357,
0.3508

268.0638, 0.3228,
0.3387

 14.6423, 0.3394,
0.3544

321.1313, 0.3222,
0.3381

 8.5687, 0.3446,
0.3593

380.7773, 0.3217,

 4.4609, 0.3524,

0.3376

447.3862, 0.3212,
0.3372

0.3665

■ 1.9346, 0.3650,
0.3782

■ 0.5691, 0.4647,
0.4744

■ 87.9509, 0.3274,
0.3430

■ 87.9509, 0.3274,
0.3430

■ 81.1114, 0.3451,
0.3589

■ 95.3035, 0.3115,
0.3279

■ 74.7602, 0.3647,
0.3753

■ 98.8761, 0.3090,
0.3290

■ 68.8872, 0.3861,
0.3915

■ 63.4774, 0.4087,
0.4069

■ 58.5149, 0.4320,
0.4203

■ 53.9824, 0.4549,
0.4305

■ 49.8606, 0.4763,
0.4364

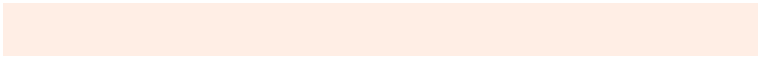
■ 46.1278, 0.4948,
0.4372

■ 42.7531, 0.5100,
0.4328

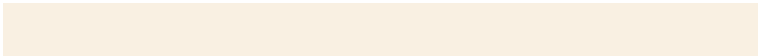
Harmonies

Analogous

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



87.9509, 0.3302, 0.3378



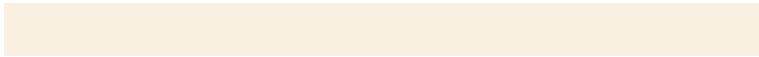
87.9509, 0.3274, 0.3430



87.9509, 0.3207, 0.3445

Triad

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



87.9509, 0.3274, 0.3430



87.9509, 0.2975, 0.3273



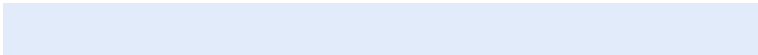
87.9509, 0.3134, 0.3168

Complementary

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



87.9509, 0.3274, 0.3430



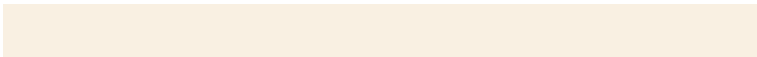
82.4197, 0.2984, 0.3146

Split Complementary

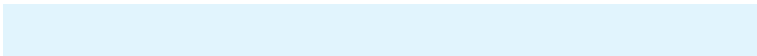
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9509, 0.3047, 0.3140



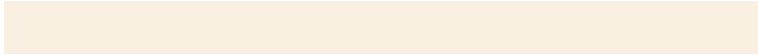
87.9509, 0.3274, 0.3430



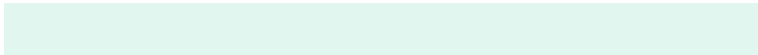
87.9509, 0.2956, 0.3199

Square

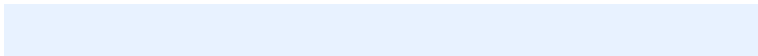
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9509, 0.3274, 0.3430



87.9509, 0.3034, 0.3353



87.9509, 0.2982, 0.3151



87.9509, 0.3220, 0.3228

Rectangle

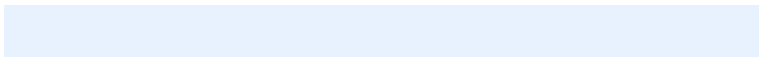
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.9509, 0.3274, 0.3430



87.9509, 0.3149, 0.3431



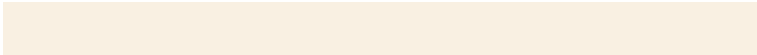
87.9509, 0.2982, 0.3151



87.9509, 0.3104, 0.3155

Sweetspot

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



87.9548, 0.3274, 0.3430



97.6252, 0.3173, 0.3335



80.5487, 0.3228, 0.3198



20.7617, 0.3186, 0.3347



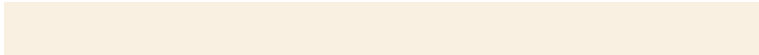
0.0000, 0.0000, 0.0000



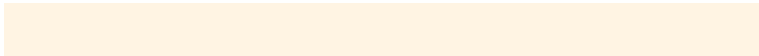
21.4041, 0.3127, 0.3290

Same Dimension

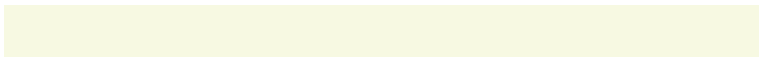
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9548, 0.3274, 0.3430



91.5306, 0.3304, 0.3458



92.9480, 0.3250, 0.3518



18.9858, 0.3279, 0.3434



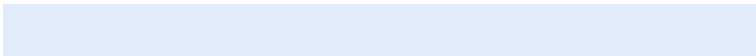
23.0397, 0.5092, 0.4339



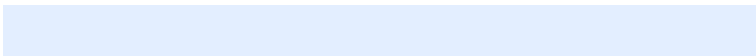
2.3400, 0.4956, 0.4447

Inverse Universe

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



82.4197, 0.2984, 0.3146



84.6376, 0.2955, 0.3116



77.7864, 0.2998, 0.3053



17.7550, 0.2979, 0.3141



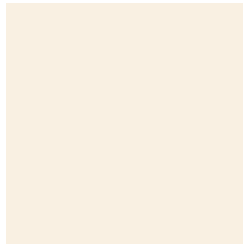
8.5200, 0.1676, 0.1233



0.9885, 0.1741, 0.1468

Previews

White Background



This preview shows how the Yxy color 87.9509, 0.3274, 0.3430 looks on a white background.

Color Contrast Check

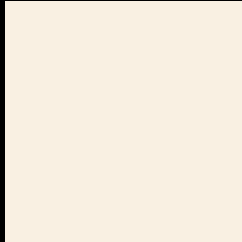
Large Text (above 18pt) WCAG AA × Fail

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 87.9509, 0.3274, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

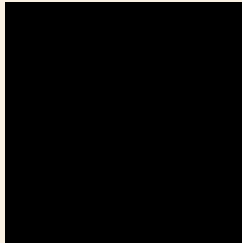
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

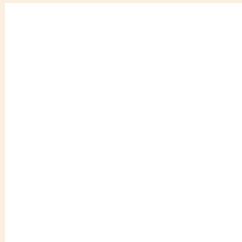
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9509, 0.3274, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 87.9509, 0.3274, 0.3430.

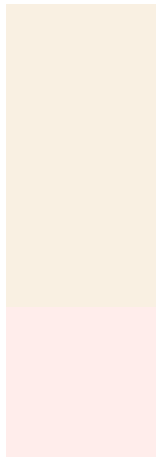


This preview shows how white text looks on a background with the Yxy color 87.9509, 0.3274, 0.3430.

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

87.9509, 0.3274, 0.3430

Protanopia

87.9509, 0.3274, 0.3430

Deuteranopia

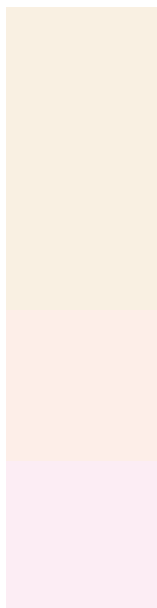
87.8265, 0.3261, 0.3310



Tritanopia

88.0293, 0.3129, 0.3116

Trichromacy



Original Color

87.9509, 0.3274, 0.3430

Protanomaly

87.9509, 0.3274, 0.3430

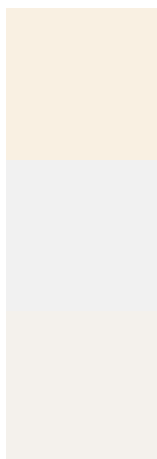
Deuteranomaly

87.8579, 0.3265, 0.3350

Tritanomaly

87.7955, 0.3184, 0.3222

Monochromacy



Original Color

87.9509, 0.3274, 0.3430

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1998, 0.3177, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9509, 0.3274, 0.3430 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(249, 240, 226)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 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(249, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 226) }
```

Border

The CSS property to change the border of an element to Yxy 87.9509, 0.3274, 0.3430 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(249, 240, 226) }
```

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

```
.border{ border-color:rgb(249, 240, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9509, 0.3274, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 226) }
```

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

```
.background{ background-color: rgb(249,  
240, 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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