

Converting Colors

$Y_{xy}(93.3767, 0.3189, 0.3349)$

Have a look what the booklet for
Yxy(93.3767, 0.3189, 0.3349)
contains.

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Color

Yxy(93.3816, 0.3189, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	FBF7F1
RGB	251, 247, 241
RGB Percent	98%, 97%, 95%
CMY	0.0156, 0.0313, 0.0550
CMYK	0.00, 0.02, 0.04, 0.02
HSL	36°, 56%, 96%
HSV	36°, 4%, 98%
XYZ	88.9203, 93.3816, 96.5324
YIQ	247.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

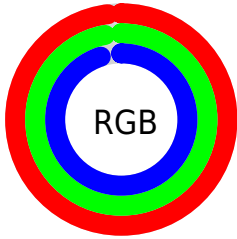
Format	Color
R _Y B	248, 251, 241
Decimal	16513009
CIE Lab	97.38, 0.30, 3.35
CIE LCh	97, 3.367, 84.880
Yxy	93.3816, 0.3189, 0.3349
Android (android.graphics.Color)	4294703089 (0xFFFBF7F1)
YUV	247.5120, -3.2104, 3.0590
Hunter-Lab	96.6342, -4.8587, 8.4163

Details

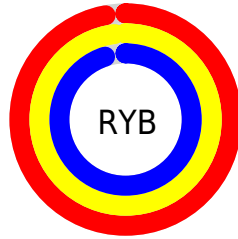
The Yxy color 93.3816, 0.3189, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.9507, 0.3066, 0.3230, and the grayscale version is 93.4766, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2337, 0.3197, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 86.0281, 0.3357, 0.3503, and if you desaturate by 10%, it is 99.2512, 0.3103, 0.3290.

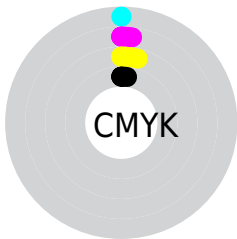
Distribution



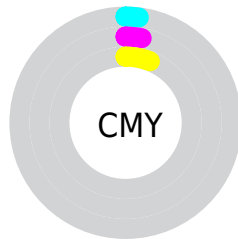
- Red (98%)
- Green (97%)
- Blue (95%)



- Red (97%)
- Yellow (98%)
- Blue (95%)



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





- Cyan (2%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3816, 0.3189, 0.3349 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 93.3816, 0.3189, 0.3349 by changing the saturation by 10% instead.

 93.3816, 0.3189,
0.3349

 93.3816, 0.3189,
0.3349


538.9708, 0.3162,
0.3323

 70.7887, 0.3195,
0.3355


152.0268, 0.3180,
0.3340

 52.1698, 0.3202,
0.3362


188.8479, 0.3176,
0.3337

 37.1404, 0.3211,
0.3370

231.1806, 0.3173,
0.3334

 25.3162, 0.3223,
0.3381

279.4092, 0.3170,
0.3331

 16.3128, 0.3238,
0.3395

333.9181, 0.3168,
0.3329

 9.7458, 0.3259,
0.3415

395.0918, 0.3165,

 5.2307, 0.3289,

0.3327

0.3444

463.3145, 0.3163,
0.3325

■ 2.3833, 0.3337,
0.3489

■ 0.8173, 0.3475,
0.3621

■ 93.3816, 0.3189,
0.3349

■ 93.3816, 0.3189,
0.3349

■ 86.0281, 0.3357,
0.3503

■ 99.2512, 0.3103,
0.3290

■ 79.1924, 0.3544,
0.3662

■ 72.8645, 0.3750,
0.3824

■ 67.0293, 0.3972,
0.3982

■ 61.6707, 0.4205,
0.4126

■ 56.7716, 0.4441,
0.4244

■ 52.3130, 0.4668,
0.4326

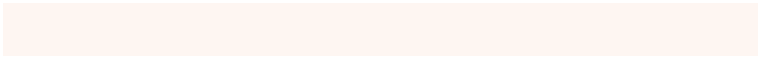
■ 48.2738, 0.4874,
0.4359

■ 44.6292, 0.5046,
0.4338

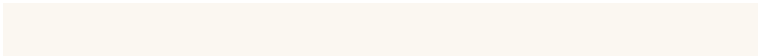
Harmonies

Analogous

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



93.3816, 0.3200, 0.3327



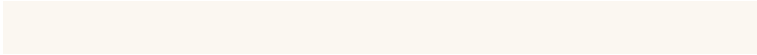
93.3816, 0.3189, 0.3349



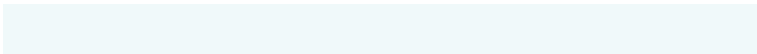
93.3816, 0.3161, 0.3355

Triad

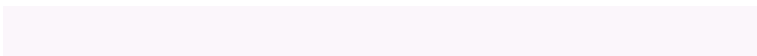
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3816, 0.3189, 0.3349



93.3816, 0.3063, 0.3284



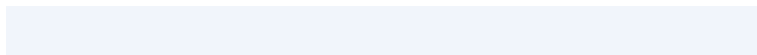
93.3816, 0.3130, 0.3238

Complementary

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



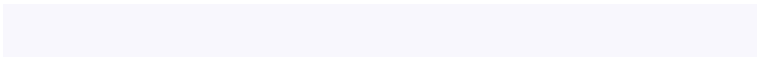
93.3816, 0.3189, 0.3349



90.9507, 0.3066, 0.3230

Split Complementary

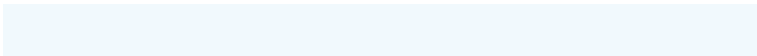
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3816, 0.3093, 0.3226



93.3816, 0.3189, 0.3349



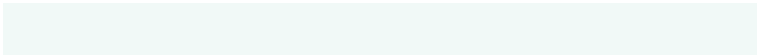
93.3816, 0.3055, 0.3252

Square

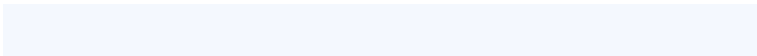
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



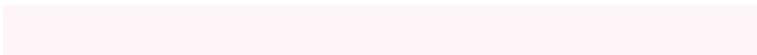
93.3816, 0.3189, 0.3349



93.3816, 0.3088, 0.3317



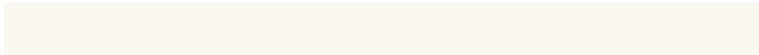
93.3816, 0.3066, 0.3231



93.3816, 0.3166, 0.3264

Rectangle

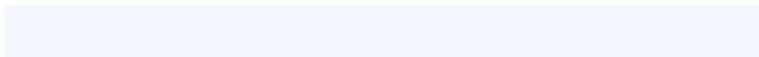
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



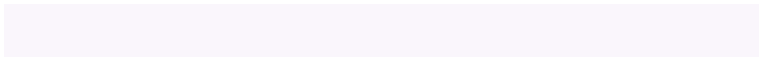
93.3816, 0.3189, 0.3349



93.3816, 0.3137, 0.3349



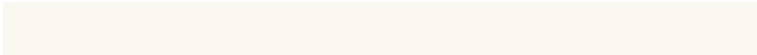
93.3816, 0.3066, 0.3231



93.3816, 0.3117, 0.3232

Sweetspot

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



93.3856, 0.3189, 0.3349



99.1897, 0.3142, 0.3305



89.9960, 0.3168, 0.3251



21.2392, 0.3142, 0.3304



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

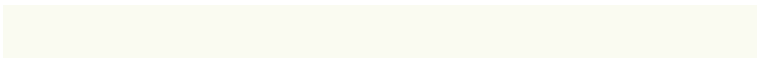
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3856, 0.3189, 0.3349



96.0043, 0.3205, 0.3364



95.6751, 0.3180, 0.3388



19.5605, 0.3216, 0.3375



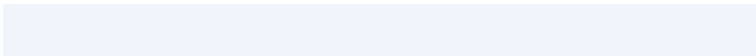
22.6899, 0.5115, 0.4320



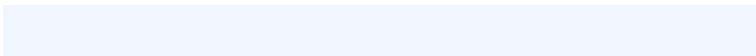
2.3087, 0.4975, 0.4432

Inverse Universe

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



90.9507, 0.3066, 0.3230



92.8681, 0.3050, 0.3215



88.7315, 0.3073, 0.3191



18.8325, 0.3040, 0.3204



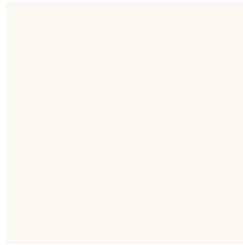
8.7282, 0.1683, 0.1257



1.0093, 0.1748, 0.1491

Previews

White Background



This preview shows how the Yxy color 93.3816, 0.3189, 0.3349 looks on a white background.

Color Contrast Check

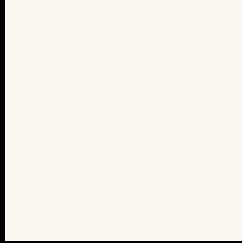
Large Text (above 18pt) WCAG AA × Fail

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 93.3816, 0.3189, 0.3349 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 93.3816, 0.3189, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 93.3816, 0.3189, 0.3349.

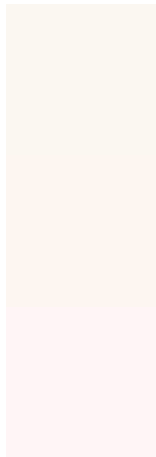


This preview shows how white text looks on a background with the Yxy color 93.3816, 0.3189, 0.3349.

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

93.3816, 0.3189, 0.3349

Protanopia

93.1451, 0.3202, 0.3339

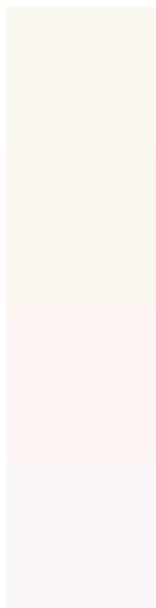
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.6408, 0.3106, 0.3203

Trichromacy



Original Color

93.3816, 0.3189, 0.3349

Protanomaly

92.9579, 0.3196, 0.3339

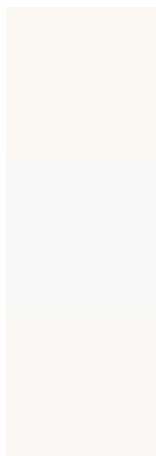
Deuteranomaly

93.5140, 0.3191, 0.3310

Tritanomaly

93.3229, 0.3135, 0.3251

Monochromacy



Original Color

93.3816, 0.3189, 0.3349

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8671, 0.3151, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3816, 0.3189, 0.3349 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(251, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 241)  
}
```

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(251, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.3816, 0.3189, 0.3349 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(251, 247, 241) }
```

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

```
.border{ border-color:rgb(251, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 247, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 247, 241); box-shadow:4px 4px 4px 4px rgb(251, 247, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3816, 0.3189, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 241) }
```

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

```
.background{ background-color: rgb(251,  
247, 241) }
```

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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