

Converting Colors

$Yxy(92.2895, 0.3186, 0.3361)$

Have a look what the booklet for
Yxy(92.2895, 0.3186, 0.3361)
contains.

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Color

Yxy(92.2833, 0.3189, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6EF
RGB	249, 246, 239
RGB Percent	98%, 96%, 94%
CMY	0.0233, 0.0353, 0.0628
CMYK	0.00, 0.01, 0.04, 0.02
HSL	42°, 46%, 96%
HSV	42°, 4%, 98%
XYZ	87.6128, 92.2833, 94.8383
YIQ	246.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

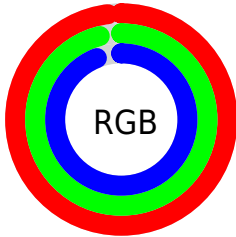
Format	Color
R _Y B	243, 249, 239
Decimal	16381679
CIE Lab	96.94, -0.18, 3.72
CIE LCh	97, 3.720, 92.843
Yxy	92.2833, 0.3189, 0.3359
Android (android.graphics.Color)	4294571759 (0xFF9F6EF)
YUV	246.0990, -3.4998, 2.5442
Hunter-Lab	96.0642, -5.3161, 8.7115

Details

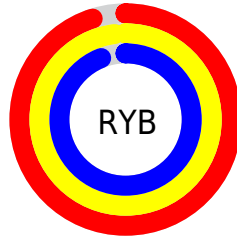
The Yxy color 92.2833, 0.3189, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.7149, 0.3066, 0.3220, and the grayscale version is 92.2764, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5833, 0.3206, 0.3378 is the 20% darker color. If you saturate the color by 10%, you get 86.4108, 0.3353, 0.3536, and if you desaturate by 10%, it is 97.9682, 0.3091, 0.3276.

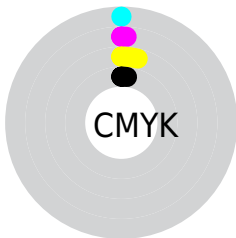
Distribution



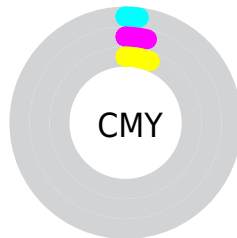
- Red (98%)
- Green (96%)
- Blue (94%)



- Red (95%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2833, 0.3189, 0.3359 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 92.2833, 0.3189, 0.3359 by changing the saturation by 10% instead.

 92.2833, 0.3189,
0.3359

 92.2833, 0.3189,
0.3359

535.4307, 0.3162,
0.3328

 69.8760, 0.3195,
0.3366

150.5060, 0.3180,
0.3349

 51.4254, 0.3202,
0.3374

187.0901, 0.3176,
0.3345

 36.5473, 0.3211,
0.3384


229.1686, 0.3173,
0.3341

 24.8572, 0.3223,
0.3397

277.1259, 0.3170,
0.3338

 15.9707, 0.3238,
0.3414

331.3463, 0.3168,
0.3335

 9.5034, 0.3259,
0.3437

392.2144, 0.3165,

 5.0710, 0.3290,

0.3333

0.3471

460.1143, 0.3163,
0.3330

■ 2.2890, 0.3339,
0.3527

■ 0.7679, 0.3505,
0.3710

■ 92.2833, 0.3189,
0.3359

■ 92.2833, 0.3189,
0.3359

■ 86.4108, 0.3353,
0.3536

■ 97.9682, 0.3091,
0.3276

■ 80.9137, 0.3532,
0.3719

■ 98.8889, 0.3090,
0.3290

■ 75.7851, 0.3723,
0.3904

■ 71.0132, 0.3924,
0.4082

■ 66.5853, 0.4129,
0.4246

■ 62.4878, 0.4328,
0.4383

■ 58.7052, 0.4513,
0.4482

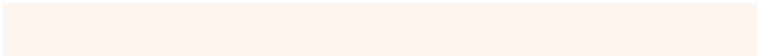
■ 55.2204, 0.4674,
0.4534

■ 52.0125, 0.4803,
0.4535

Harmonies

Analogous

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



92.2833, 0.3207, 0.3339



92.2833, 0.3189, 0.3359



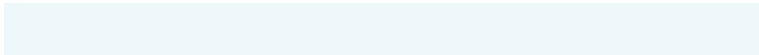
92.2833, 0.3154, 0.3360

Triad

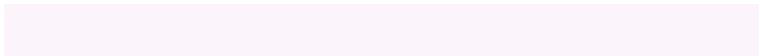
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2833, 0.3189, 0.3359



92.2833, 0.3051, 0.3273



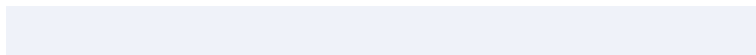
92.2833, 0.3142, 0.3239

Complementary

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



92.2833, 0.3189, 0.3359



88.7149, 0.3066, 0.3220

Split Complementary

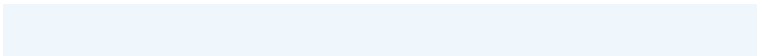
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2833, 0.3100, 0.3221



92.2833, 0.3189, 0.3359



92.2833, 0.3048, 0.3241

Square

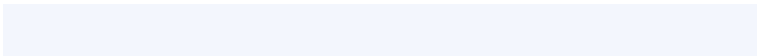
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2833, 0.3189, 0.3359



92.2833, 0.3075, 0.3310



92.2833, 0.3066, 0.3222



92.2833, 0.3180, 0.3270

Rectangle

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



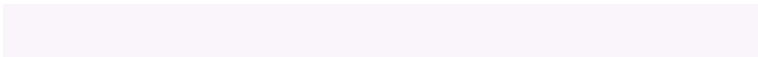
92.2833, 0.3189, 0.3359



92.2833, 0.3127, 0.3350



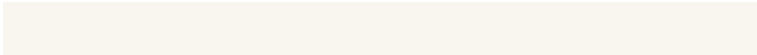
92.2833, 0.3066, 0.3222



92.2833, 0.3128, 0.3231

Sweetspot

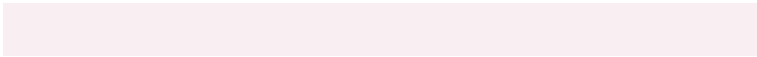
The Sweet Spot groups the original color and five complimentary colors.



92.2873, 0.3189, 0.3359



99.3441, 0.3142, 0.3307



88.2904, 0.3174, 0.3259



21.2707, 0.3141, 0.3306



0.0000, 0.0000, 0.0000



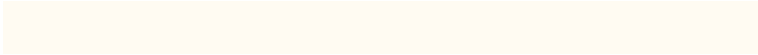
21.4041, 0.3127, 0.3290

Same Dimension

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



92.2873, 0.3189, 0.3359



96.7619, 0.3204, 0.3376



93.8242, 0.3175, 0.3389



19.7366, 0.3215, 0.3388



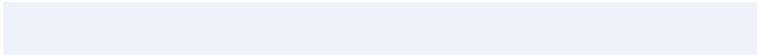
27.1301, 0.4854, 0.4528



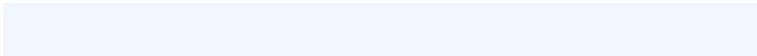
2.6992, 0.4756, 0.4606

Inverse Universe

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



88.7149, 0.3066, 0.3220



92.1256, 0.3051, 0.3203



87.2333, 0.3078, 0.3190



18.6604, 0.3040, 0.3190



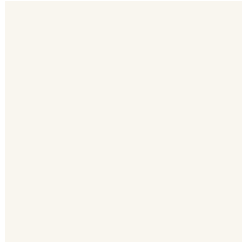
6.6137, 0.1612, 0.1003



0.7905, 0.1676, 0.1235

Previews

White Background



This preview shows how the Yxy color 92.2833, 0.3189, 0.3359 looks on a white background.

Color Contrast Check

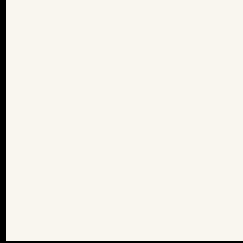
Large Text (above 18pt) WCAG AA × Fail

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 92.2833, 0.3189, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

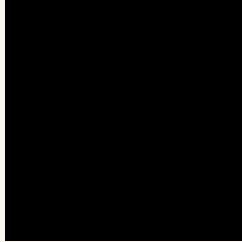
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2833, 0.3189, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 92.2833, 0.3189, 0.3359.

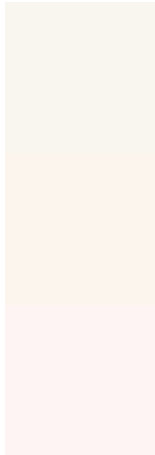


This preview shows how white text looks on a background with the Yxy color 92.2833, 0.3189, 0.3359.

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

92.2833, 0.3189, 0.3359

Protanopia

92.1733, 0.3215, 0.3359

Deuteranopia

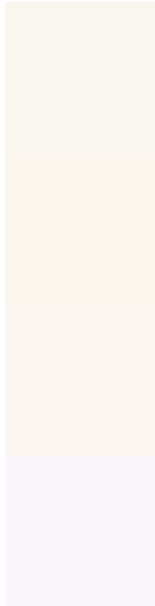
92.4930, 0.3199, 0.3290



Tritanopia

92.2454, 0.3100, 0.3184

Trichromacy



Original Color

92.2833, 0.3189, 0.3359

Protanomaly

91.9871, 0.3208, 0.3359

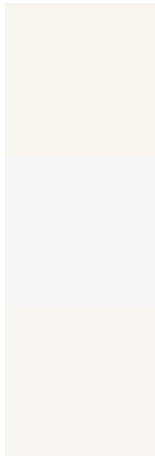
Deuteranomaly

92.5983, 0.3197, 0.3319

Tritanomaly

92.4684, 0.3135, 0.3251

Monochromacy



Original Color

92.2833, 0.3189, 0.3359

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1568, 0.3151, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2833, 0.3189, 0.3359 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, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 239)  
}
```

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, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 239) }
```

Border

The CSS property to change the border of an element to Yxy 92.2833, 0.3189, 0.3359 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, 246, 239) }
```

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

```
.border{ border-color:rgb(249, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2833, 0.3189, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 239) }
```

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

```
.background{ background-color: rgb(249,  
246, 239) }
```

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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