

Converting Colors

$Yxy(93.0869, 0.3219, 0.3398)$

Have a look what the booklet for
Yxy(93.0869, 0.3219, 0.3398)
contains.

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Color

Yxy(93.0869, 0.3219, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FBF7EC
RGB	251, 247, 236
RGB Percent	98%, 97%, 93%
CMY	0.0157, 0.0313, 0.0745
CMYK	0.00, 0.02, 0.06, 0.02
HSL	44°, 65%, 95%
HSV	44°, 6%, 98%
XYZ	88.1833, 93.0869, 92.6760
YIQ	246.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

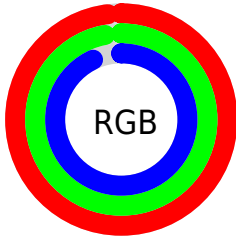
Format	Color
R _Y B	241, 251, 236
Decimal	16513004
CIE Lab	97.26, -0.54, 5.74
CIE LCh	97, 5.767, 95.369
Yxy	93.0869, 0.3219, 0.3398
Android (android.graphics.Color)	4294703084 (0xFFFBF7EC)
YUV	246.9420, -5.3944, 3.5589
Hunter-Lab	96.4816, -5.6953, 10.5857

Details

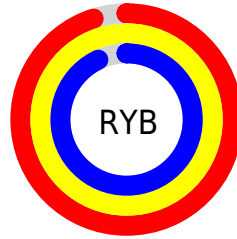
The Yxy color 93.0869, 0.3219, 0.3398 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1117, 0.3035, 0.3180, and the grayscale version is 93.0055, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0262, 0.3236, 0.3428 is the 20% darker color. If you saturate the color by 10%, you get 87.7224, 0.3384, 0.3586, and if you desaturate by 10%, it is 98.4115, 0.3103, 0.3277.

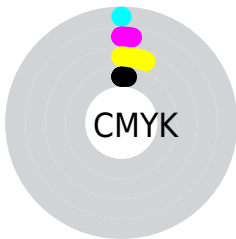
Distribution



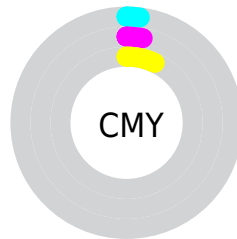
- Red (98%)
- Green (97%)
- Blue (93%)



- Red (95%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.0869, 0.3219, 0.3398 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 93.0869, 0.3219, 0.3398 by changing the saturation by 10% instead.


 93.0869, 0.3219,
0.3398

 93.0869, 0.3219,
0.3398


538.0221, 0.3178,
0.3350

 70.5437, 0.3228,
0.3408

151.6189, 0.3205,
0.3382

 51.9699, 0.3239,
0.3421


188.3766, 0.3200,
0.3375

 36.9811, 0.3252,
0.3437


230.6411, 0.3195,
0.3370

 25.1929, 0.3269,
0.3457

278.7971, 0.3191,
0.3365

 16.2208, 0.3291,
0.3484

333.2287, 0.3187,
0.3361

 9.6805, 0.3322,
0.3520

394.3205, 0.3184,

 5.1877, 0.3367,

0.3357

0.3573

462.4569, 0.3181,
0.3353

■ 2.3578, 0.3438,
0.3659

■ 0.8040, 0.3701,
0.3962

■ 93.0869, 0.3219,
0.3398

■ 93.0869, 0.3219,
0.3398

■ 87.7224, 0.3384,
0.3586

■ 98.4115, 0.3103,
0.3277

■ 82.6951, 0.3562,
0.3779

■ 99.2485, 0.3102,
0.3290

■ 77.9984, 0.3750,
0.3971

■ 73.6209, 0.3944,
0.4156

■ 69.5503, 0.4137,
0.4322

■ 65.7732, 0.4321,
0.4458

■ 62.2745, 0.4486,
0.4555

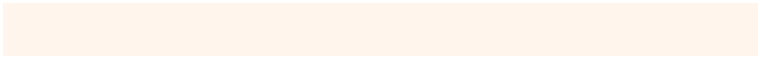
■ 59.0369, 0.4625,
0.4605

■ 56.0392, 0.4732,
0.4605

Harmonies

Analogous

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



93.0869, 0.3250, 0.3369



93.0869, 0.3219, 0.3398



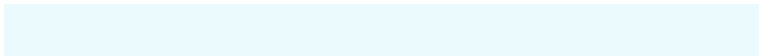
93.0869, 0.3164, 0.3398

Triad

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



93.0869, 0.3219, 0.3398



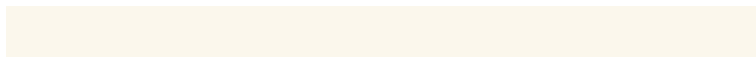
93.0869, 0.3008, 0.3259



93.0869, 0.3155, 0.3214

Complementary

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



93.0869, 0.3219, 0.3398



87.1117, 0.3035, 0.3180

Split Complementary

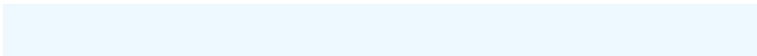
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0869, 0.3090, 0.3185



93.0869, 0.3219, 0.3398



93.0869, 0.3006, 0.3210

Square

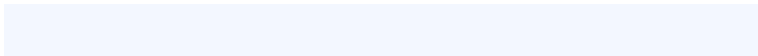
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.0869, 0.3219, 0.3398



93.0869, 0.3042, 0.3317



93.0869, 0.3036, 0.3183



93.0869, 0.3213, 0.3263

Rectangle

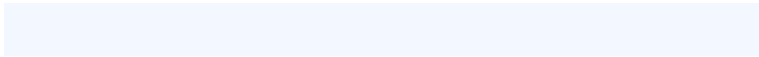
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0869, 0.3219, 0.3398



93.0869, 0.3120, 0.3381



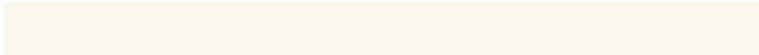
93.0869, 0.3036, 0.3183



93.0869, 0.3133, 0.3202

Sweetspot

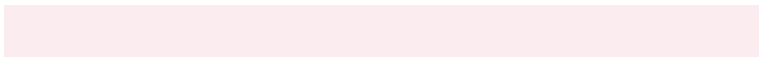
The Sweet Spot groups the original color and five complimentary colors.



93.0909, 0.3219, 0.3398



98.8134, 0.3157, 0.3326



86.7912, 0.3203, 0.3251



21.1626, 0.3156, 0.3324



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

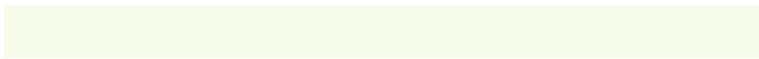
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0909, 0.3219, 0.3398



95.9113, 0.3235, 0.3417



94.9128, 0.3193, 0.3437



19.5837, 0.3245, 0.3428



29.1041, 0.4758, 0.4604



2.8693, 0.4675, 0.4670

Inverse Universe

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



87.1117, 0.3035, 0.3180



88.6937, 0.3019, 0.3160



85.3940, 0.3059, 0.3140



17.9869, 0.3010, 0.3148



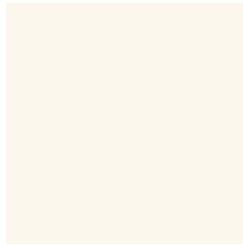
5.9586, 0.1589, 0.0919



0.7179, 0.1651, 0.1143

Previews

White Background



This preview shows how the Yxy color 93.0869, 0.3219, 0.3398 looks on a white background.

Color Contrast Check

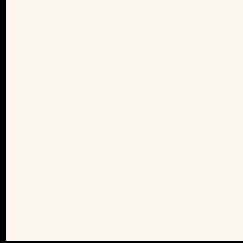
Large Text (above 18pt) WCAG AA × Fail

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 93.0869, 0.3219, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

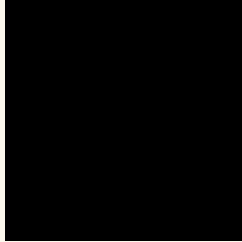
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0869, 0.3219, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 93.0869, 0.3219, 0.3398.

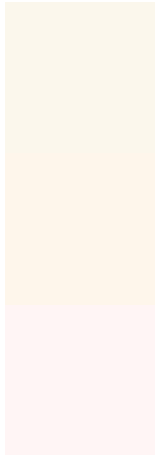


This preview shows how white text looks on a background with the Yxy color 93.0869, 0.3219, 0.3398.

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

93.0869, 0.3219, 0.3398

Protanopia

92.9805, 0.3246, 0.3398

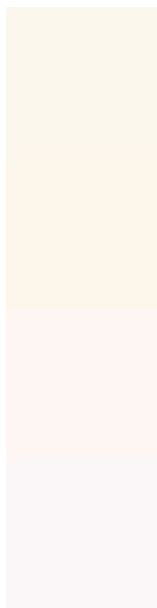
Deuteranopia

93.1574, 0.3192, 0.3290

Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

93.0869, 0.3219, 0.3398

Protanomaly

92.7923, 0.3239, 0.3398

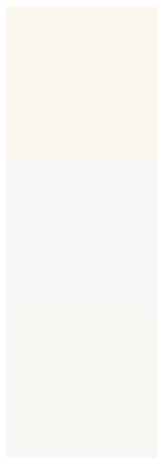
Deuteranomaly

93.3932, 0.3203, 0.3329

Tritanomaly

93.1981, 0.3147, 0.3271

Monochromacy



Original Color

93.0869, 0.3219, 0.3398

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9491, 0.3157, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0869, 0.3219, 0.3398 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 $rgb(251, 247, 236)$ looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 236) }
```

Border

The CSS property to change the border of an element to Yxy 93.0869, 0.3219, 0.3398 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, 236) }
```

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

```
.border{ border-color:rgb(251, 247, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0869, 0.3219, 0.3398 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, 236) }
```

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

```
.background{ background-color: rgb(251,  
247, 236) }
```

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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