

Converting Colors

$Y_{xy}(100.0000, 0.3437, 0.3362)$

Have a look what the booklet for
Yxy(100.0000, 0.3437, 0.3362)
contains.

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Color

Yxy(93.4035, 0.3228, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6EF
RGB	255, 246, 239
RGB Percent	100%, 96%, 94%
CMY	0.0000, 0.0353, 0.0627
CMYK	0.00, 0.04, 0.06, 0.00
HSL	26°, 100%, 97%
HSV	26°, 6%, 100%
XYZ	89.7875, 93.4035, 94.9612
YIQ	247.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

Format	Color
RYB	255, 251, 239
Decimal	16774895
CIELab	97.39, 1.85, 4.42
CIELCh	97, 4.788, 67.309
Yxy	93.4035, 0.3228, 0.3358
Android (android.graphics.Color)	4294964975 (0xFFFFF6EF)
YUV	247.8930, -4.3842, 6.2328
Hunter-Lab	96.6455, -3.2960, 9.3951

Details

The Yxy color 93.4035, 0.3228, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7148, 0.3030, 0.3221, and the grayscale version is 93.8053, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2516, 0.3247, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 83.5961, 0.3409, 0.3472, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

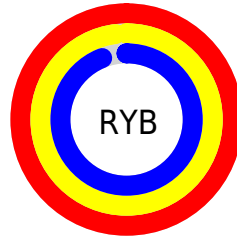
Distribution



Red (100%)

Green (96%)

Blue (94%)



Red (100%)

Yellow (98%)

Blue (94%)



Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4035, 0.3228, 0.3358 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 93.4035, 0.3228, 0.3358 by changing the saturation by 10% instead.


 93.4035, 0.3228,
0.3358

 93.4035, 0.3228,
0.3358


539.0412, 0.3183,
0.3328

 70.8069, 0.3238,
0.3365


152.0571, 0.3213,
0.3348

 52.1846, 0.3250,
0.3372


188.8830, 0.3207,
0.3344

 37.1523, 0.3264,
0.3382

231.2207, 0.3202,
0.3340

 25.3254, 0.3283,
0.3394

279.4547, 0.3197,
0.3337

 16.3197, 0.3308,
0.3411

333.9693, 0.3193,
0.3335

 9.7506, 0.3342,
0.3433

395.1490, 0.3189,

 5.2339, 0.3392,

0.3332

0.3465

463.3782, 0.3186,
0.3330

■ 2.3852, 0.3472,
0.3516

■ 0.8182, 0.3701,
0.3681

■ 93.4035, 0.3228,
0.3358

■ 93.4035, 0.3228,
0.3358

■ 83.5961, 0.3409,
0.3472

100.0000, 0.3127,
0.3290

■ 74.6567, 0.3617,
0.3591

■ 66.5562, 0.3856,
0.3712

■ 59.2680, 0.4123,
0.3827

■ 52.7640, 0.4416,
0.3928

■ 47.0140, 0.4723,
0.4004

■ 41.9855, 0.5028,
0.4039

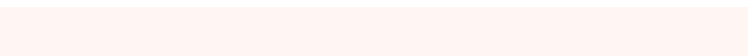
■ 37.6425, 0.5310,
0.4024

■ 33.9442, 0.5545,
0.3952

Harmonies

Analogous

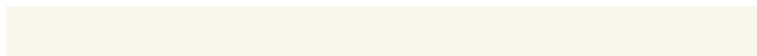
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4035, 0.3228, 0.3318



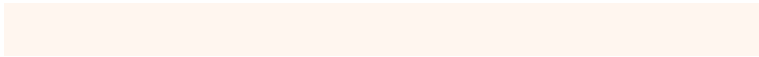
93.4035, 0.3228, 0.3358



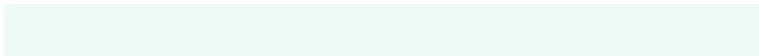
93.4035, 0.3201, 0.3380

Triad

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



93.4035, 0.3228, 0.3358



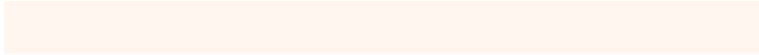
93.4035, 0.3054, 0.3309



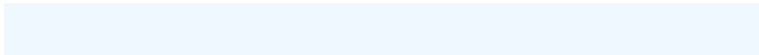
93.4035, 0.3100, 0.3204

Complementary

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



93.4035, 0.3228, 0.3358



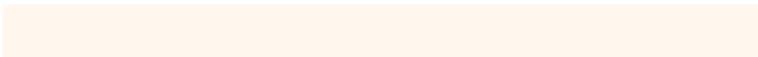
92.7148, 0.3030, 0.3221

Split Complementary

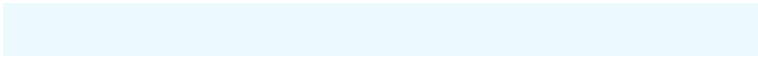
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.4035, 0.3054, 0.3201



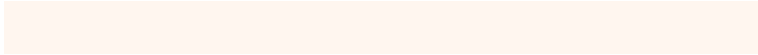
93.4035, 0.3228, 0.3358



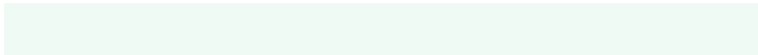
93.4035, 0.3028, 0.3261

Square

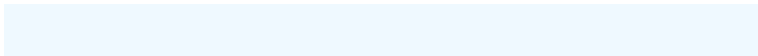
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.4035, 0.3228, 0.3358



93.4035, 0.3100, 0.3352



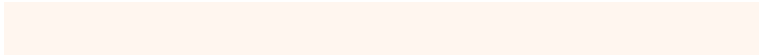
93.4035, 0.3027, 0.3222



93.4035, 0.3154, 0.3229

Rectangle

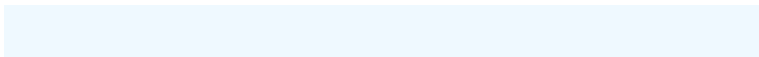
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.4035, 0.3228, 0.3358



93.4035, 0.3171, 0.3382



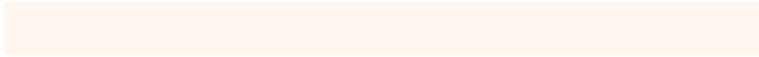
93.4035, 0.3027, 0.3222



93.4035, 0.3083, 0.3200

Sweetspot

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



93.3995, 0.3228, 0.3358



97.8570, 0.3158, 0.3311



89.7782, 0.3177, 0.3202



20.9680, 0.3157, 0.3310



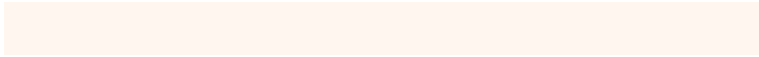
0.0000, 0.0000, 0.0000



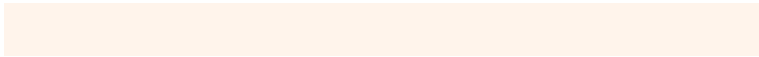
21.4041, 0.3127, 0.3290

Same Dimension

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



93.3995, 0.3228, 0.3358



91.6427, 0.3257, 0.3377



98.3339, 0.3221, 0.3434



19.2925, 0.3283, 0.3394



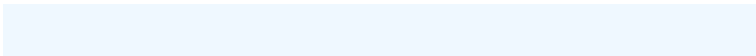
17.3789, 0.5595, 0.3939



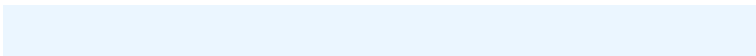
1.9049, 0.5397, 0.4097

Inverse Universe

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



92.7148, 0.3030, 0.3221



90.7796, 0.3003, 0.3201



87.9346, 0.3031, 0.3142



19.0753, 0.2979, 0.3184



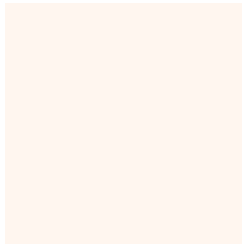
14.4358, 0.1831, 0.1790



1.6232, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 93.4035, 0.3228, 0.3358 looks on a white background.

Color Contrast Check

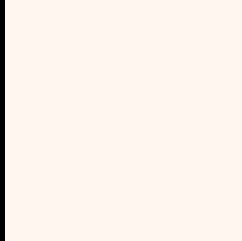
Large Text (above 18pt) WCAG AA × Fail

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 93.4035, 0.3228, 0.3358 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 93.4035, 0.3228, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 93.4035, 0.3228, 0.3358.



This preview shows how white text looks on a background with the Yxy color 93.4035, 0.3228, 0.3358.

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

93.4035, 0.3228, 0.3358

Protanopia

93.2144, 0.3221, 0.3358

Deuteranopia

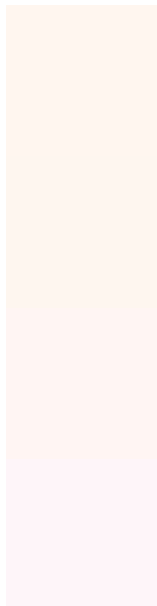
93.2186, 0.3186, 0.3281



Tritanopia

93.4075, 0.3119, 0.3194

Trichromacy



Original Color

93.4035, 0.3228, 0.3358

Protanomaly

93.2144, 0.3221, 0.3358

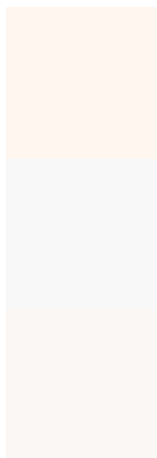
Deuteranomaly

93.0359, 0.3204, 0.3310

Tritanomaly

93.2152, 0.3161, 0.3252

Monochromacy



Original Color

93.4035, 0.3228, 0.3358

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.6233, 0.3165, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4035, 0.3228, 0.3358 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(255, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 239) }
```

Border

The CSS property to change the border of an element to Yxy 93.4035, 0.3228, 0.3358 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(255, 246, 239) }
```

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

```
.border{ border-color:rgb(255, 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(255, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4035, 0.3228, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 239) }
```

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

```
.background{ background-color: rgb(255,  
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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