

Converting Colors

$Y_{xy}(100.0000, 0.3438, 0.3392)$

Have a look what the booklet for
Yxy(100.0000, 0.3438, 0.3392)
contains.

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Color

Yxy(93.8377, 0.3245, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7EC
RGB	255, 247, 236
RGB Percent	100%, 97%, 93%
CMY	0.0001, 0.0313, 0.0744
CMYK	0.00, 0.03, 0.07, 0.00
HSL	35°, 100%, 96%
HSV	35°, 7%, 100%
XYZ	89.6389, 93.8377, 92.7604
YIQ	248.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

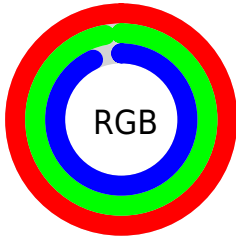
Format	Color
R _Y B	250, 255, 236
Decimal	16775148
CIE Lab	97.57, 0.82, 6.21
CIE LCh	98, 6.262, 82.475
Yxy	93.8377, 0.3245, 0.3397
Android (android.graphics.Color)	4294965228 (0xFFFFF7EC)
YUV	248.1380, -5.9840, 6.0180
Hunter-Lab	96.8699, -4.3466, 11.0341

Details

The Yxy color 93.8377, 0.3245, 0.3397 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.7553, 0.3012, 0.3181, and the grayscale version is 94.0349, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5627, 0.3270, 0.3426 is the 20% darker color. If you saturate the color by 10%, you get 86.0918, 0.3421, 0.3548, and if you desaturate by 10%, it is 99.9971, 0.3127, 0.3290.

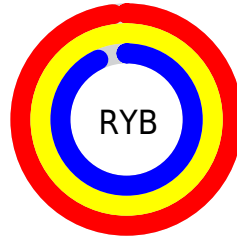
Distribution



Red (100%)

Green (97%)

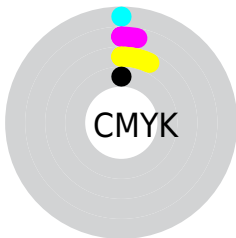
Blue (93%)



Red (98%)

Yellow (100%)

Blue (93%)

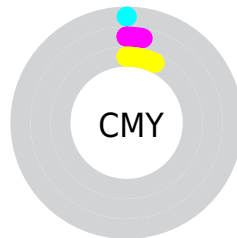


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8377, 0.3245, 0.3397 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 93.8377, 0.3245, 0.3397 by changing the saturation by 10% instead.

 93.8377, 0.3245,
0.3397

 93.8377, 0.3245,
0.3397

540.4373, 0.3193,
0.3350

 71.1680, 0.3256,
0.3407

152.6579, 0.3227,
0.3381

 52.4793, 0.3270,
0.3420


189.5771, 0.3220,
0.3375

 37.3872, 0.3287,
0.3435

232.0149, 0.3214,
0.3369

 25.5075, 0.3309,
0.3455

280.3558, 0.3209,
0.3364

 16.4555, 0.3338,
0.3481

334.9841, 0.3204,
0.3360

 9.8471, 0.3377,
0.3516

396.2841, 0.3200,

 5.2977, 0.3435,

0.3356

0.3567

464.6404, 0.3196,
0.3353

■ 2.4230, 0.3526,
0.3648

■ 0.8377, 0.3828,
0.3929

■ 93.8377, 0.3245,
0.3397

■ 93.8377, 0.3245,
0.3397

■ 86.0918, 0.3421,
0.3548

99.9971, 0.3127,
0.3290

■ 78.9155, 0.3617,
0.3704

■ 72.2969, 0.3833,
0.3860

■ 66.2189, 0.4066,
0.4009

■ 60.6636, 0.4309,
0.4141

■ 55.6114, 0.4552,
0.4243

■ 51.0408, 0.4784,
0.4305

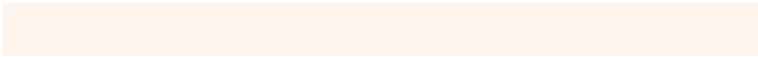
■ 46.9276, 0.4990,
0.4314

■ 43.2421, 0.5160,
0.4270

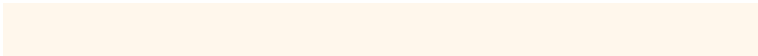
Harmonies

Analogous

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



93.8377, 0.3264, 0.3355



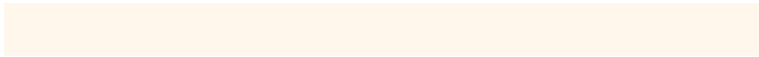
93.8377, 0.3245, 0.3397



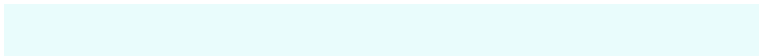
93.8377, 0.3195, 0.3411

Triad

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



93.8377, 0.3245, 0.3397



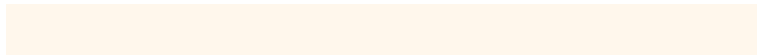
93.8377, 0.3011, 0.3283



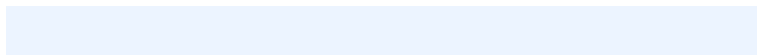
93.8377, 0.3127, 0.3191

Complementary

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



93.8377, 0.3245, 0.3397



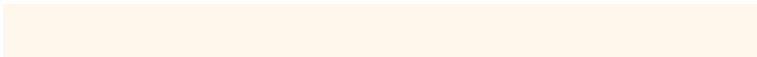
89.7553, 0.3012, 0.3181

Split Complementary

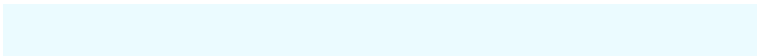
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.8377, 0.3059, 0.3172



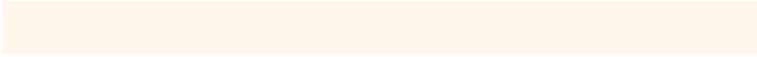
93.8377, 0.3245, 0.3397



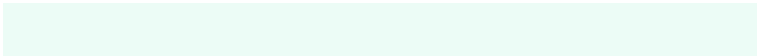
93.8377, 0.2993, 0.3223

Square

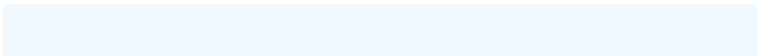
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.8377, 0.3245, 0.3397



93.8377, 0.3059, 0.3345



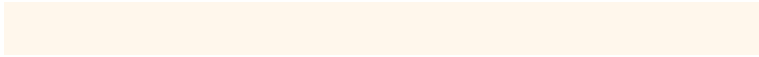
93.8377, 0.3010, 0.3183



93.8377, 0.3195, 0.3237

Rectangle

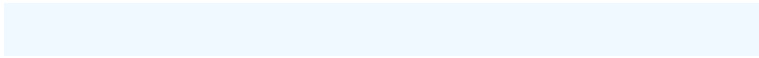
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.8377, 0.3245, 0.3397



93.8377, 0.3150, 0.3402



93.8377, 0.3010, 0.3183



93.8377, 0.3103, 0.3182

Sweetspot

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



93.8418, 0.3245, 0.3397



98.3149, 0.3158, 0.3318



87.8069, 0.3203, 0.3210



21.0612, 0.3156, 0.3317



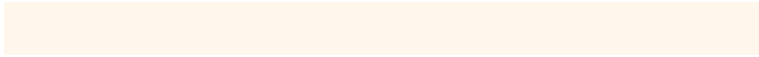
0.0000, 0.0000, 0.0000



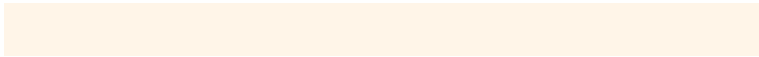
21.4041, 0.3127, 0.3290

Same Dimension

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



93.8418, 0.3245, 0.3397



92.6046, 0.3271, 0.3420



98.5856, 0.3230, 0.3473



19.7355, 0.3280, 0.3428



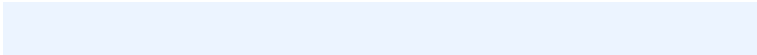
22.4375, 0.5179, 0.4270



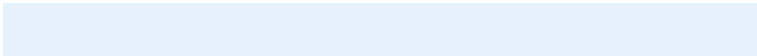
2.4009, 0.5035, 0.4384

Inverse Universe

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



89.7553, 0.3012, 0.3181



87.7112, 0.2987, 0.3156



85.2765, 0.3020, 0.3101



18.6333, 0.2979, 0.3149



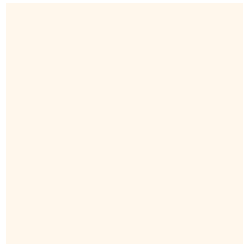
9.5737, 0.1700, 0.1320



1.1426, 0.1762, 0.1541

Previews

White Background



This preview shows how the Yxy color 93.8377, 0.3245, 0.3397 looks on a white background.

Color Contrast Check

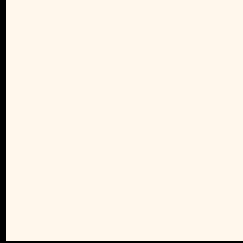
Large Text (above 18pt) WCAG AA × Fail

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 93.8377, 0.3245, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

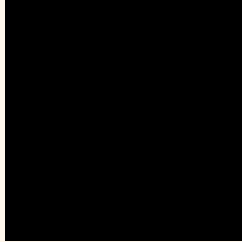
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.8377, 0.3245, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 93.8377, 0.3245, 0.3397.

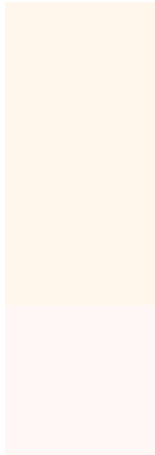


This preview shows how white text looks on a background with the Yxy color 93.8377, 0.3245, 0.3397.

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

93.8377, 0.3245, 0.3397

Protanopia

93.8377, 0.3245, 0.3397

Deuteranopia

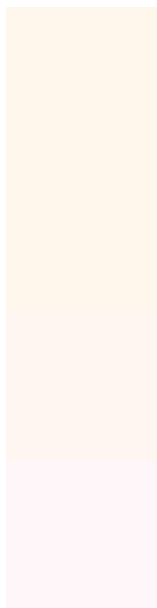
93.8254, 0.3185, 0.3290



Tritanopia

94.0142, 0.3118, 0.3204

Trichromacy



Original Color

93.8377, 0.3245, 0.3397

Protanomaly

93.8377, 0.3245, 0.3397

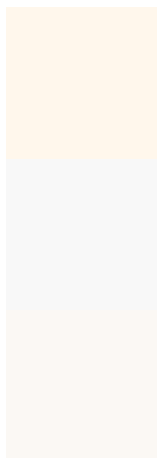
Deuteranomaly

93.5823, 0.3209, 0.3329

Tritanomaly

93.7597, 0.3167, 0.3271

Monochromacy



Original Color

93.8377, 0.3245, 0.3397

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1757, 0.3170, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8377, 0.3245, 0.3397 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, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 236) }
```

Border

The CSS property to change the border of an element to Yxy 93.8377, 0.3245, 0.3397 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, 247, 236) }
```

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

```
.border{ border-color:rgb(255, 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(255, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8377, 0.3245, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 236) }
```

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

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