

Converting Colors

$Y_{xy}(92.9495, 0.3265, 0.3415)$

Have a look what the booklet for
Yxy(92.9495, 0.3265, 0.3415)
contains.

Yxy(93.0547, 0.3265, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.0547, 0.3265, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E9
RGB	255, 246, 233
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0353, 0.0863
CMYK	0.00, 0.04, 0.09, 0.00
HSL	35°, 100%, 96%
HSV	35°, 9%, 100%
XYZ	88.9153, 93.0547, 90.3586
YIQ	247.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

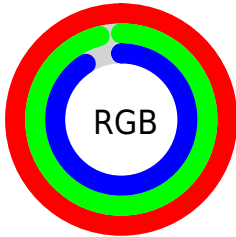
Format	Color
R_{YB}	248, 255, 233
Decimal	16774889
CIE Lab	97.25, 0.86, 7.31
CIE LCh	97, 7.363, 83.274
Yxy	93.0547, 0.3265, 0.3417
Android (android.graphics.Color)	4294964969 (0xFFFFF6E9)
YUV	247.2090, -7.0050, 6.8327
Hunter-Lab	96.4649, -4.2833, 11.9885

Details

The Yxy color 93.0547, 0.3265, 0.3417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0464, 0.2993, 0.3160, and the grayscale version is 93.2377, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0070, 0.3295, 0.3452 is the 20% darker color. If you saturate the color by 10%, you get 85.5245, 0.3442, 0.3571, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

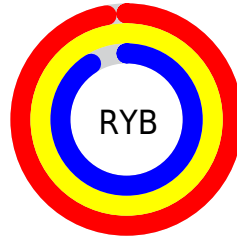
Distribution



Red (100%)

Green (96%)

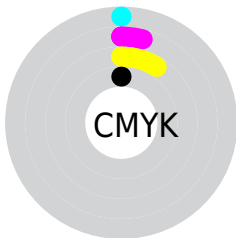
Blue (91%)



Red (97%)

Yellow (100%)

Blue (91%)

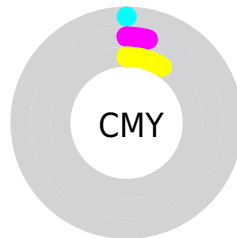


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0547, 0.3265, 0.3417 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 93.0547, 0.3265, 0.3417 by changing the saturation by 10% instead.

 93.0547, 0.3265,
0.3417

 93.0547, 0.3265,
0.3417

537.9184, 0.3204,
0.3361

 70.5170, 0.3278,
0.3429

151.5743, 0.3244,
0.3398

 51.9481, 0.3295,
0.3444


188.3250, 0.3236,
0.3391

 36.9637, 0.3315,
0.3462


230.5822, 0.3229,
0.3384

 25.1794, 0.3340,
0.3486

278.7302, 0.3223,
0.3378

 16.2108, 0.3374,
0.3517

333.1534, 0.3217,
0.3373

 9.6734, 0.3421,
0.3559

394.2362, 0.3212,

 5.1830, 0.3488,

0.3369

0.3620

462.3631, 0.3208,
0.3365

■ 2.3550, 0.3596,
0.3716

■ 0.8026, 0.4022,
0.4118

■ 93.0547, 0.3265,
0.3417

■ 93.0547, 0.3265,
0.3417

■ 85.5245, 0.3442,
0.3571

100.0000, 0.3127,
0.3290

■ 78.5519, 0.3640,
0.3731

■ 72.1162, 0.3856,
0.3889

■ 66.2010, 0.4087,
0.4039

■ 60.7886, 0.4327,
0.4170

■ 55.8597, 0.4565,
0.4271

■ 51.3933, 0.4789,
0.4329

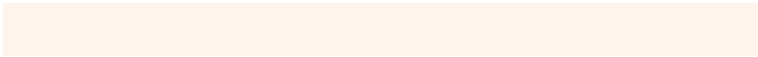
■ 47.3653, 0.4985,
0.4335

■ 43.7441, 0.5146,
0.4288

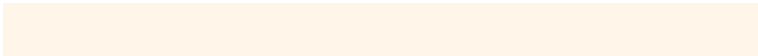
Harmonies

Analogous

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



93.0547, 0.3288, 0.3368



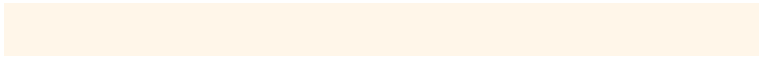
93.0547, 0.3265, 0.3417



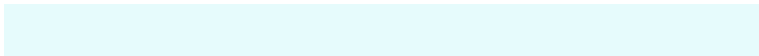
93.0547, 0.3205, 0.3433

Triad

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



93.0547, 0.3265, 0.3417



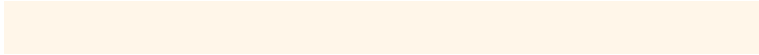
93.0547, 0.2989, 0.3279



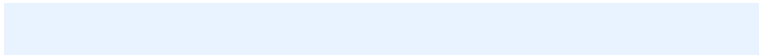
93.0547, 0.3129, 0.3175

Complementary

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



93.0547, 0.3265, 0.3417



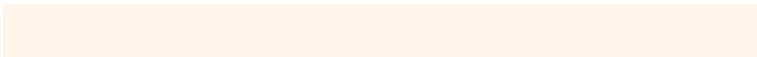
88.0464, 0.2993, 0.3160

Split Complementary

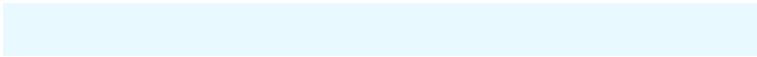
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0547, 0.3049, 0.3151



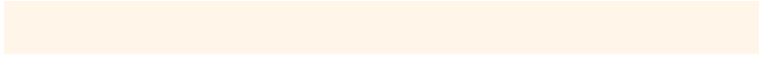
93.0547, 0.3265, 0.3417



93.0547, 0.2969, 0.3210

Square

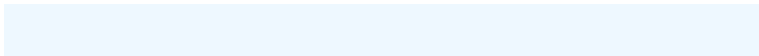
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.0547, 0.3265, 0.3417



93.0547, 0.3045, 0.3352



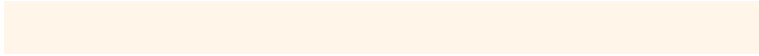
93.0547, 0.2991, 0.3163



93.0547, 0.3209, 0.3229

Rectangle

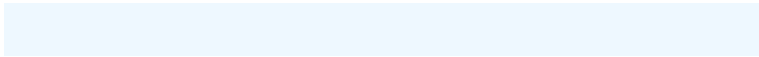
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0547, 0.3265, 0.3417



93.0547, 0.3152, 0.3421



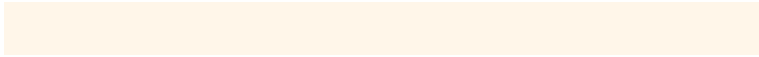
93.0547, 0.2991, 0.3163



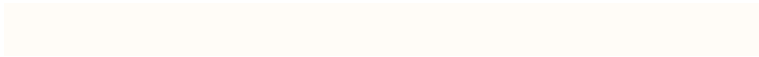
93.0547, 0.3101, 0.3163

Sweetspot

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



93.0498, 0.3265, 0.3417



97.5356, 0.3173, 0.3333



85.9540, 0.3218, 0.3201



20.7375, 0.3186, 0.3345



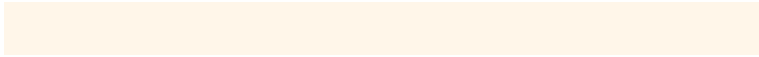
0.0000, 0.0000, 0.0000



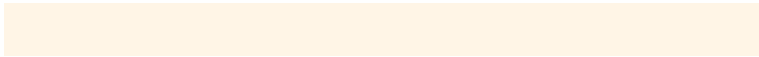
21.4041, 0.3127, 0.3290

Same Dimension

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



93.0498, 0.3265, 0.3417



91.9860, 0.3288, 0.3438



98.3166, 0.3244, 0.3504



19.7709, 0.3279, 0.3430



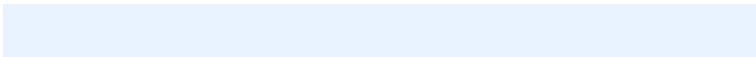
22.9133, 0.5146, 0.4296



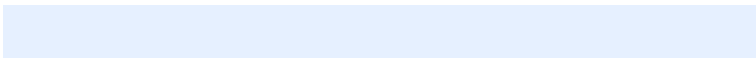
2.4461, 0.5008, 0.4406

Inverse Universe

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



88.0464, 0.2993, 0.3160



86.2433, 0.2971, 0.3138



83.1260, 0.3005, 0.3069



18.5986, 0.2979, 0.3146



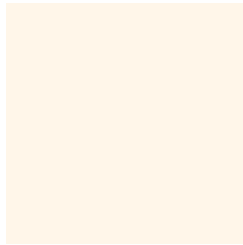
9.2607, 0.1691, 0.1286



1.1102, 0.1752, 0.1509

Previews

White Background



This preview shows how the Yxy color 93.0547, 0.3265, 0.3417 looks on a white background.

Color Contrast Check

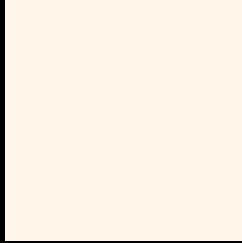
Large Text (above 18pt) WCAG AA × Fail

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 93.0547, 0.3265, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

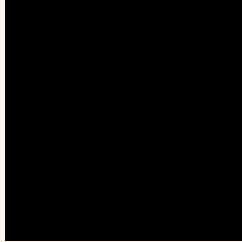
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

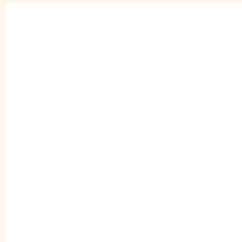
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0547, 0.3265, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 93.0547, 0.3265, 0.3417.

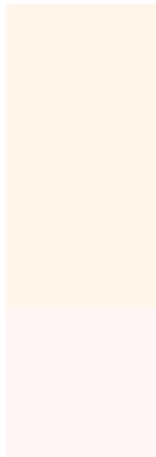


This preview shows how white text looks on a background with the Yxy color 93.0547, 0.3265, 0.3417.

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

93.0547, 0.3265, 0.3417

Protanopia

93.0547, 0.3265, 0.3417

Deuteranopia

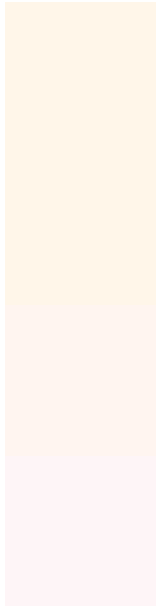
93.0965, 0.3198, 0.3300



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

93.0547, 0.3265, 0.3417

Protanomaly

93.0547, 0.3265, 0.3417

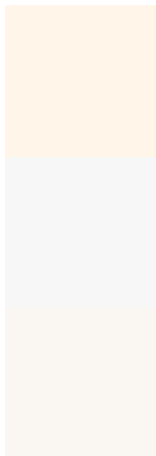
Deuteranomaly

92.8561, 0.3222, 0.3339

Tritanomaly

93.0910, 0.3173, 0.3271

Monochromacy



Original Color

93.0547, 0.3265, 0.3417

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2563, 0.3176, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0547, 0.3265, 0.3417 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 233) }
```

Border

The CSS property to change the border of an element to Yxy 93.0547, 0.3265, 0.3417 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, 233) }
```

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

```
.border{ border-color:rgb(255, 246, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0547, 0.3265, 0.3417 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
246, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor