

Converting Colors

$Yxy(93.5726, 0.3246, 0.3403)$

Have a look what the booklet for
Yxy(93.5726, 0.3246, 0.3403)
contains.

Yxy(93.5905, 0.3245, 0.3407)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.5905, 0.3245, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7EB
RGB	254, 247, 235
RGB Percent	100%, 97%, 92%
CMY	0.0038, 0.0314, 0.0784
CMYK	0.00, 0.03, 0.07, 0.00
HSL	38°, 91%, 96%
HSV	38°, 7%, 100%
XYZ	89.1404, 93.5905, 91.9698
YIQ	247.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

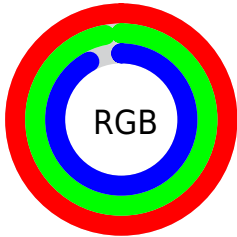
Format	Color
R_{YB}	246, 254, 235
Decimal	16709611
CIE Lab	97.47, 0.34, 6.58
CIE LCh	97, 6.585, 87.044
Yxy	93.5905, 0.3245, 0.3407
Android (android.graphics.Color)	4294899691 (0xFFFEF7EB)
YUV	247.7250, -6.2734, 5.5032
Hunter-Lab	96.7422, -4.8250, 11.3544

Details

The Yxy color 93.5905, 0.3245, 0.3407 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3590, 0.3011, 0.3170, and the grayscale version is 93.6873, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3866, 0.3269, 0.3439 is the 20% darker color. If you saturate the color by 10%, you get 86.6214, 0.3418, 0.3570, and if you desaturate by 10%, it is 99.8182, 0.3121, 0.3290.

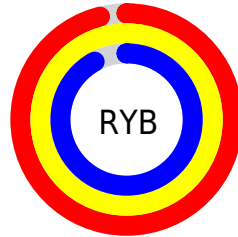
Distribution



Red (100%)

Green (97%)

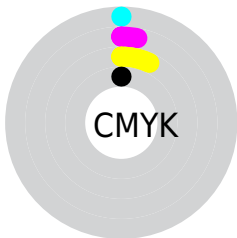
Blue (92%)



Red (96%)

Yellow (100%)

Blue (92%)

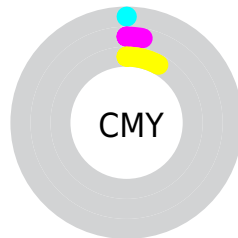


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.5905, 0.3245, 0.3407 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 93.5905, 0.3245, 0.3407 by changing the saturation by 10% instead.


 93.5905, 0.3245,
0.3407

 93.5905, 0.3245,
0.3407

539.6427, 0.3193,
0.3355

 70.9624, 0.3256,
0.3418


152.3159, 0.3227,
0.3390

 52.3115, 0.3270,
0.3432


189.1820, 0.3220,
0.3383

 37.2534, 0.3287,
0.3449


231.5628, 0.3214,
0.3377

 25.4038, 0.3309,
0.3470

279.8429, 0.3209,
0.3371

 16.3781, 0.3338,
0.3499

334.4065, 0.3204,
0.3367

 9.7921, 0.3377,
0.3538

395.6381, 0.3200,

 5.2614, 0.3435,

0.3362

0.3594

463.9220, 0.3196,
0.3359

■ 2.4014, 0.3526,
0.3684

■ 0.8266, 0.3853,
0.4011

■ 93.5905, 0.3245,
0.3407

■ 93.5905, 0.3245,
0.3407

■ 86.6214, 0.3418,
0.3570

99.8182, 0.3121,
0.3290

■ 80.1350, 0.3609,
0.3739

■ 74.1216, 0.3816,
0.3907

■ 68.5665, 0.4036,
0.4067

■ 63.4541, 0.4262,
0.4209

■ 58.7672, 0.4484,
0.4322

■ 54.4870, 0.4692,
0.4393

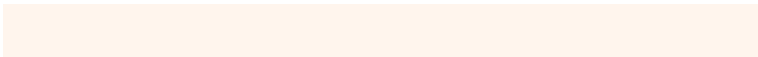
■ 50.5918, 0.4873,
0.4414

■ 47.0550, 0.5020,
0.4382

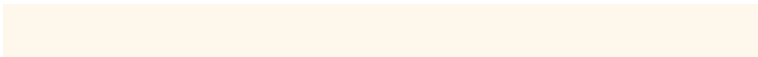
Harmonies

Analogous

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



93.5905, 0.3270, 0.3366



93.5905, 0.3245, 0.3407



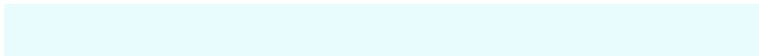
93.5905, 0.3188, 0.3417

Triad

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



93.5905, 0.3245, 0.3407



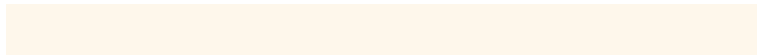
93.5905, 0.2999, 0.3272



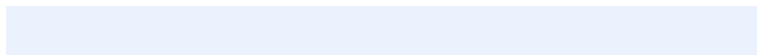
93.5905, 0.3138, 0.3192

Complementary

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



93.5905, 0.3245, 0.3407



88.3590, 0.3011, 0.3170

Split Complementary

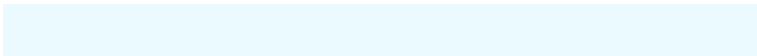
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5905, 0.3066, 0.3167



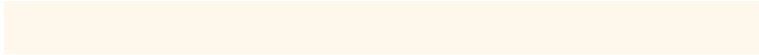
93.5905, 0.3245, 0.3407



93.5905, 0.2986, 0.3212

Square

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



93.5905, 0.3245, 0.3407



93.5905, 0.3046, 0.3338



93.5905, 0.3010, 0.3174



93.5905, 0.3208, 0.3243

Rectangle

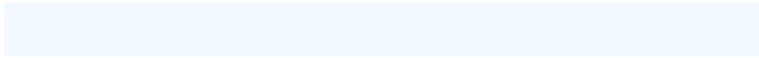
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.5905, 0.3245, 0.3407



93.5905, 0.3140, 0.3403



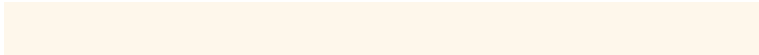
93.5905, 0.3010, 0.3174



93.5905, 0.3113, 0.3180

Sweetspot

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



93.5946, 0.3245, 0.3407



98.4770, 0.3158, 0.3321



86.9295, 0.3209, 0.3219



21.0942, 0.3156, 0.3319



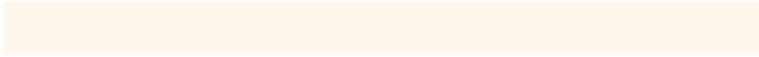
0.0000, 0.0000, 0.0000



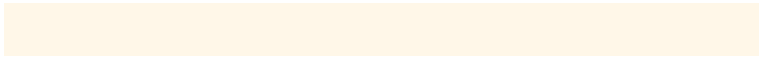
21.4041, 0.3127, 0.3290

Same Dimension

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



93.5946, 0.3245, 0.3407



93.3071, 0.3270, 0.3431



97.5687, 0.3224, 0.3475



19.8939, 0.3278, 0.3439



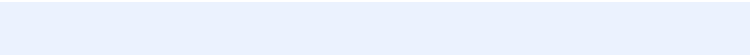
24.6487, 0.5036, 0.4383



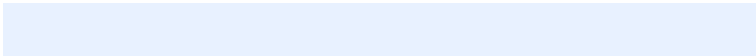
2.6092, 0.4914, 0.4480

Inverse Universe

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



88.3590, 0.3011, 0.3170



87.0268, 0.2987, 0.3145



84.6245, 0.3026, 0.3100



18.4792, 0.2979, 0.3136



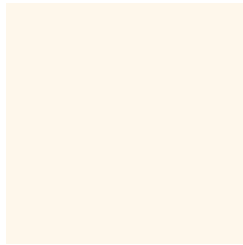
8.2545, 0.1659, 0.1174



1.0043, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 93.5905, 0.3245, 0.3407 looks on a white background.

Color Contrast Check

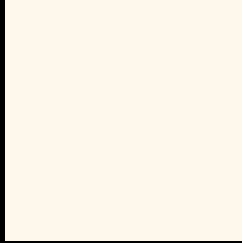
Large Text (above 18pt) WCAG AA × Fail

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 93.5905, 0.3245, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

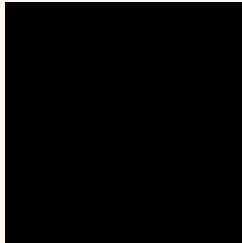
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5905, 0.3245, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 93.5905, 0.3245, 0.3407.

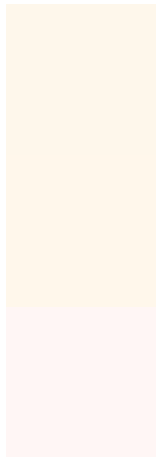


This preview shows how white text looks on a background with the Yxy color 93.5905, 0.3245, 0.3407.

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

93.5905, 0.3245, 0.3407

Protanopia

93.7797, 0.3251, 0.3407

Deuteranopia

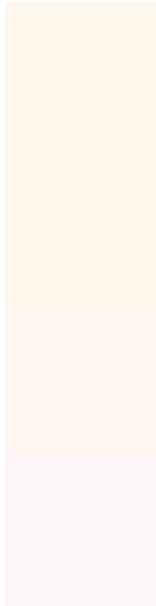
93.7641, 0.3191, 0.3300



Tritanopia

93.4075, 0.3119, 0.3194

Trichromacy



Original Color

93.5905, 0.3245, 0.3407

Protanomaly

93.7797, 0.3251, 0.3407

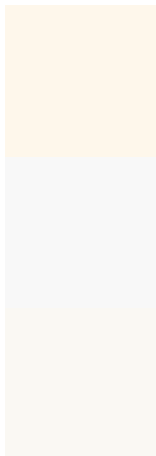
Deuteranomaly

93.5224, 0.3216, 0.3339

Tritanomaly

93.5715, 0.3160, 0.3271

Monochromacy



Original Color

93.5905, 0.3245, 0.3407

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9299, 0.3170, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5905, 0.3245, 0.3407 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(254, 247, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 235)  
}
```

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(254, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 235) }
```

Border

The CSS property to change the border of an element to Yxy 93.5905, 0.3245, 0.3407 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(254, 247, 235) }
```

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

```
.border{ border-color:rgb(254, 247, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5905, 0.3245, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 235) }
```

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

```
.background{ background-color: rgb(254,  
247, 235) }
```

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