

Converting Colors

Yxy(90.9711, 0.3333, 0.3544)

Have a look what the booklet for
Yxy(90.9711, 0.3333, 0.3544)
contains.

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Color

Yxy(91.1147, 0.3333, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5DB
RGB	252, 245, 219
RGB Percent	99%, 96%, 86%
CMY	0.0116, 0.0392, 0.1411
CMYK	0.00, 0.03, 0.13, 0.01
HSL	47°, 85%, 92%
HSV	47°, 13%, 99%
XYZ	85.5934, 91.1147, 80.0977
YIQ	244.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

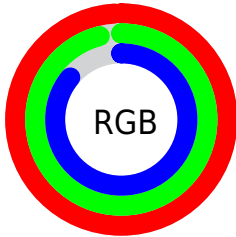
Format	Color
R _Y B	228, 252, 219
Decimal	16578011
CIE Lab	96.46, -1.89, 13.35
CIE LCh	96, 13.481, 98.054
Yxy	91.1147, 0.3333, 0.3548
Android (android.graphics.Color)	4294768091 (0xFFFCF5DB)
YUV	244.1290, -12.3886, 6.9029
Hunter-Lab	95.4540, -6.9840, 17.0662

Details

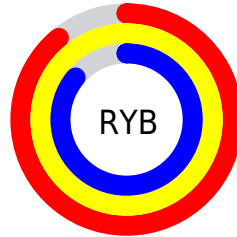
The Yxy color **91.1147, 0.3333, 0.3548** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.5110, 0.2919, 0.3018**, and the grayscale version is **90.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6776, 0.3374, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **86.6863, 0.3503, 0.3753**, and if you desaturate by 10%, it is **95.8465, 0.3174, 0.3350**.

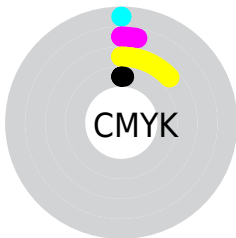
Distribution



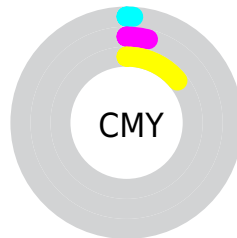
- Red (99%)
- Green (96%)
- Blue (86%)



- Red (89%)
- Yellow (99%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1147, 0.3333, 0.3548 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 91.1147, 0.3333, 0.3548 by changing the saturation by 10% instead.


 91.1147, 0.3333,
0.3548

 91.1147, 0.3333,
0.3548


531.6503, 0.3242,
0.3433

 68.9055, 0.3353,
0.3573


148.8858, 0.3302,
0.3509

 50.6348, 0.3377,
0.3604


185.2165, 0.3290,
0.3493

 35.9180, 0.3407,
0.3642


227.0232, 0.3279,
0.3480

 24.3709, 0.3445,
0.3691

274.6903, 0.3270,
0.3468

 15.6090, 0.3495,
0.3756

328.6022, 0.3262,
0.3458

 9.2479, 0.3563,
0.3844

389.1432, 0.3254,

 4.9032, 0.3661,

0.3449

0.3974

456.6978, 0.3248,
0.3440

■ 2.1906, 0.3813,
0.4178

■ 0.7149, 0.4698,
0.5302

■ 91.1147, 0.3333,
0.3548

■ 91.1147, 0.3333,
0.3548

■ 86.6863, 0.3503,
0.3753

■ 95.8465, 0.3174,
0.3350

■ 82.5395, 0.3682,
0.3958

■ 99.4421, 0.3109,
0.3290

■ 78.6678, 0.3864,
0.4156

■ 75.0599, 0.4044,
0.4338

■ 71.7033, 0.4213,
0.4493

■ 68.5841, 0.4365,
0.4610

■ 65.6865, 0.4490,
0.4682

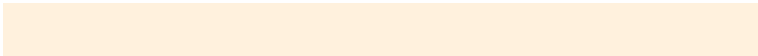
■ 62.9912, 0.4586,
0.4706

■ 61.2315, 0.4638,
0.4700

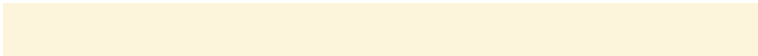
Harmonies

Analogous

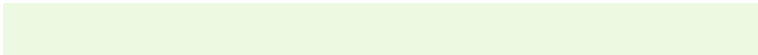
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1147, 0.3414, 0.3482



91.1147, 0.3333, 0.3548



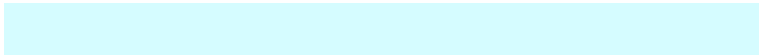
91.1147, 0.3198, 0.3544

Triad

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



91.1147, 0.3333, 0.3548



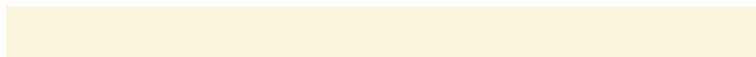
91.1147, 0.2847, 0.3201



91.1147, 0.3204, 0.3123

Complementary

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



91.1147, 0.3333, 0.3548



76.5110, 0.2919, 0.3018

Split Complementary

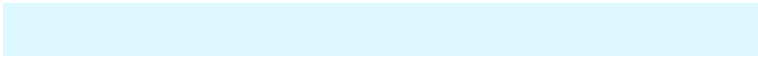
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1147, 0.3051, 0.3051



91.1147, 0.3333, 0.3548



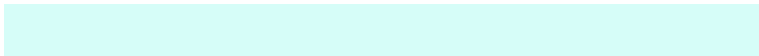
91.1147, 0.2848, 0.3092

Square

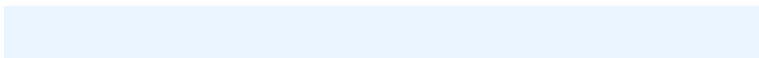
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1147, 0.3333, 0.3548



91.1147, 0.2918, 0.3339



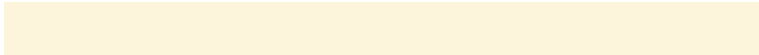
91.1147, 0.2922, 0.3038



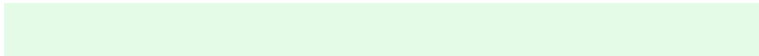
91.1147, 0.3339, 0.3238

Rectangle

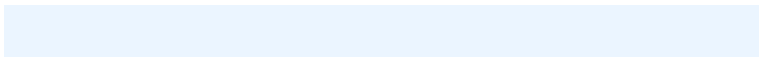
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1147, 0.3333, 0.3548



91.1147, 0.3096, 0.3499



91.1147, 0.2922, 0.3038



91.1147, 0.3153, 0.3093

Sweetspot

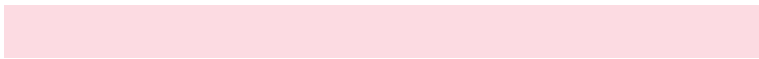
The Sweet Spot groups the original color and five complimentary colors.



91.1187, 0.3333, 0.3548



97.9809, 0.3188, 0.3367



76.8693, 0.3318, 0.3218



20.8919, 0.3199, 0.3382



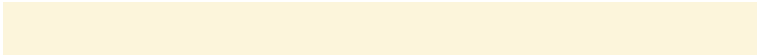
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

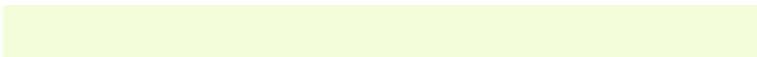
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1187, 0.3333, 0.3548



92.2210, 0.3381, 0.3607



93.7553, 0.3262, 0.3622



19.5257, 0.3274, 0.3475



32.1095, 0.4629, 0.4707



3.1250, 0.4566, 0.4756

Inverse Universe

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



76.5110, 0.2919, 0.3018



74.2668, 0.2870, 0.2952



74.2516, 0.2980, 0.2949



17.2426, 0.2979, 0.3098



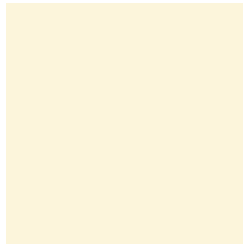
5.1939, 0.1560, 0.0817



0.6281, 0.1618, 0.1024

Previews

White Background



This preview shows how the Yxy color 91.1147, 0.3333, 0.3548 looks on a white background.

Color Contrast Check

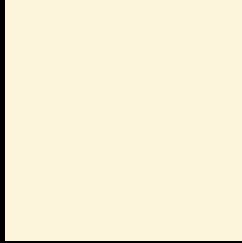
Large Text (above 18pt) WCAG AA × Fail

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 91.1147, 0.3333, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

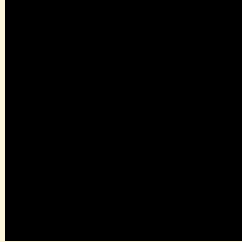
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.1147, 0.3333, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 91.1147, 0.3333, 0.3548.



This preview shows how white text looks on a background with the Yxy color 91.1147, 0.3333, 0.3548.

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

91.1147, 0.3333, 0.3548

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

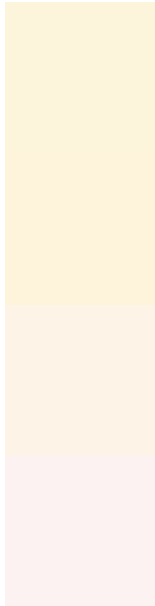
90.9373, 0.3237, 0.3329



Tritanopia

91.2014, 0.3127, 0.3155

Trichromacy



Original Color

91.1147, 0.3333, 0.3548

Protanomaly

90.8867, 0.3348, 0.3537

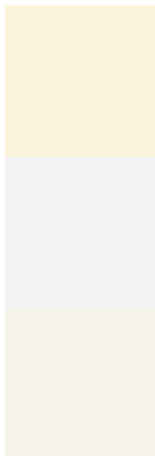
Deuteranomaly

90.9415, 0.3273, 0.3408

Tritanomaly

90.7977, 0.3199, 0.3290

Monochromacy



Original Color

91.1147, 0.3333, 0.3548

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4737, 0.3201, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1147, 0.3333, 0.3548 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(252, 245, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 219)  
}
```

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(252, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 219) }
```

Border

The CSS property to change the border of an element to Yxy 91.1147, 0.3333, 0.3548 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(252, 245, 219) }
```

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

```
.border{ border-color:rgb(252, 245, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1147, 0.3333, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 219) }
```

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

```
.background{ background-color: rgb(252,  
245, 219) }
```

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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