

Converting Colors

$Yxy(90.8468, 0.3355, 0.3647)$

Have a look what the booklet for
Yxy(90.8468, 0.3355, 0.3647)
contains.

Yxy(90.5711, 0.3354, 0.3642)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.5711, 0.3354, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	F8F6D3
RGB	248, 246, 211
RGB Percent	97%, 96%, 83%
CMY	0.0277, 0.0352, 0.1726
CMYK	0.00, 0.01, 0.15, 0.03
HSL	57°, 72%, 90%
HSV	57°, 15%, 97%
XYZ	83.4090, 90.5711, 74.7050
YIQ	242.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

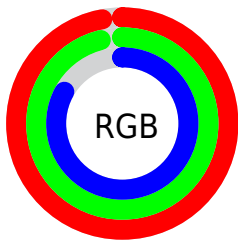
Format	Color
R _Y B	213, 248, 211
Decimal	16316115
CIE Lab	96.23, -5.07, 17.11
CIE LCh	96, 17.842, 106.495
Yxy	90.5711, 0.3354, 0.3642
Android (android.graphics.Color)	4294506195 (0xFFFF8F6D3)
YUV	242.6080, -15.5827, 4.7288
Hunter-Lab	95.1688, -10.1025, 20.0771

Details

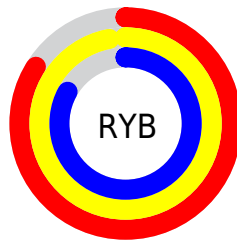
The Yxy color **90.5711, 0.3354, 0.3642** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.1641, 0.2886, 0.2912**, and the grayscale version is **89.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3036, 0.3401, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **88.6445, 0.3512, 0.3884**, and if you desaturate by 10%, it is **92.7029, 0.3200, 0.3404**.

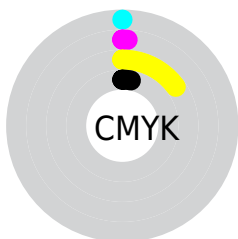
Distribution



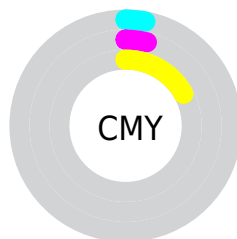
- Red (97%)
- Green (96%)
- Blue (83%)



- Red (84%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.5711, 0.3354, 0.3642 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 90.5711, 0.3354, 0.3642 by changing the saturation by 10% instead.

90.5711, 0.3354,
0.3642

90.5711, 0.3354,
0.3642

529.8869, 0.3254,
0.3484

68.4544, 0.3376,
0.3677

148.1314, 0.3320,
0.3588

50.2675, 0.3402,
0.3720

184.3438, 0.3307,
0.3567

35.6260, 0.3434,
0.3773

226.0236, 0.3295,
0.3548

24.1455, 0.3475,
0.3841

273.5552, 0.3285,
0.3532

15.4416, 0.3528,
0.3930

327.3229, 0.3276,
0.3518

9.1299, 0.3599,
0.4054

387.7111, 0.3268,

4.8260, 0.3699,

0.3505

0.4236

455.1043, 0.3261,
0.3494

■ 2.1455, 0.3856,
0.4536

■ 0.6900, 0.4354,
0.5646

■ 90.5711, 0.3354,
0.3642

■ 90.5711, 0.3354,
0.3642

■ 88.6445, 0.3512,
0.3884

■ 92.7029, 0.3200,
0.3404

■ 86.9024, 0.3668,
0.4122


■ 94.6718, 0.3086,
0.3228

■ 85.3393, 0.3818,
0.4346


■ 95.4696, 0.3085,
0.3241


■ 83.9449, 0.3956,
0.4548


■ 96.2729, 0.3085,
0.3253


 82.7078, 0.4074,
0.4716

 97.0817, 0.3084,
0.3266


 81.6152, 0.4168,
0.4844

 97.8959, 0.3084,
0.3278

 80.6522, 0.4235,
0.4928

 98.6864, 0.3084,
0.3290

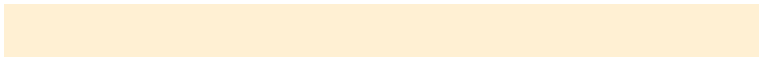
 79.8004, 0.4275,
0.4968

 79.3955, 0.4289,
0.4977

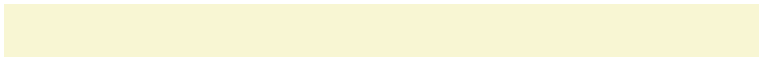
Harmonies

Analogous

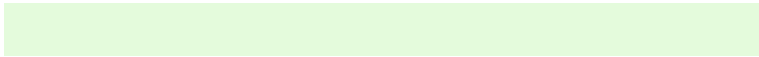
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5711, 0.3487, 0.3576



90.5711, 0.3354, 0.3642



90.5711, 0.3163, 0.3609

Triad

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



90.5711, 0.3354, 0.3642



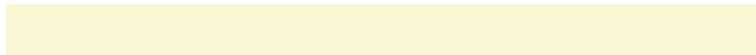
90.5711, 0.2748, 0.3123



90.5711, 0.3284, 0.3108

Complementary

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



90.5711, 0.3354, 0.3642



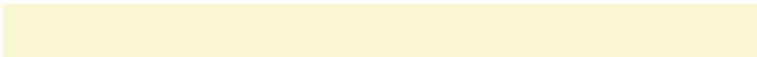
68.1641, 0.2886, 0.2912

Split Complementary

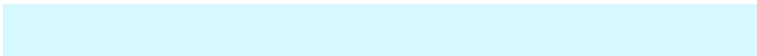
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5711, 0.3082, 0.2995



90.5711, 0.3354, 0.3642



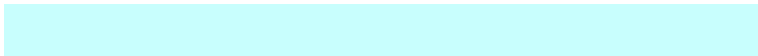
90.5711, 0.2777, 0.2999

Square

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



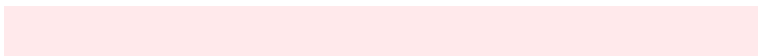
90.5711, 0.3354, 0.3642



90.5711, 0.2816, 0.3301



90.5711, 0.2897, 0.2955



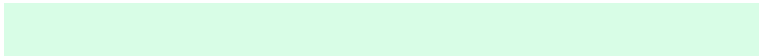
90.5711, 0.3447, 0.3267

Rectangle

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



90.5711, 0.3354, 0.3642



90.5711, 0.3029, 0.3533



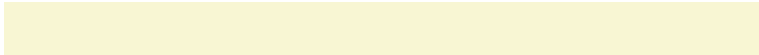
90.5711, 0.2897, 0.2955



90.5711, 0.3218, 0.3064

Sweetspot

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



90.5751, 0.3354, 0.3642



99.0225, 0.3187, 0.3383



71.3563, 0.3389, 0.3265



21.1564, 0.3198, 0.3400



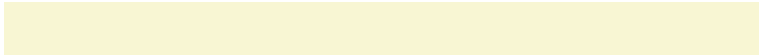
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

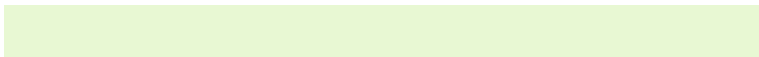
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.5751, 0.3354, 0.3642



95.8755, 0.3403, 0.3717



88.9477, 0.3244, 0.3673



20.0270, 0.3270, 0.3512



42.9771, 0.4287, 0.4978



4.0265, 0.4275, 0.4988

Inverse Universe

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



68.1641, 0.2886, 0.2912



67.6203, 0.2830, 0.2823



69.6881, 0.2996, 0.2903



16.7876, 0.2979, 0.3057



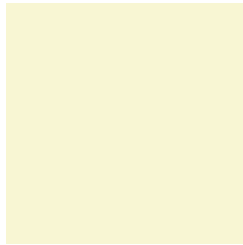
3.8740, 0.1509, 0.0631



0.4081, 0.1530, 0.0708

Previews

White Background



This preview shows how the Yxy color 90.5711, 0.3354, 0.3642 looks on a white background.

Color Contrast Check

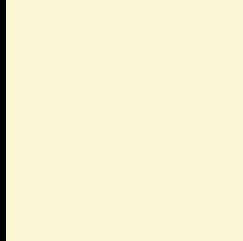
Large Text (above 18pt) WCAG AA × Fail

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 90.5711, 0.3354, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

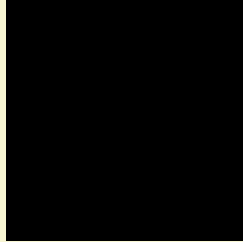
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5711, 0.3354, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 90.5711, 0.3354, 0.3642.

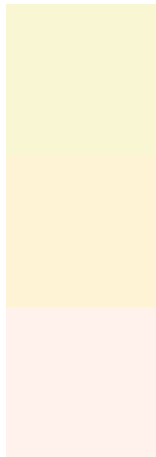


This preview shows how white text looks on a background with the Yxy color 90.5711, 0.3354, 0.3642.

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

90.5711, 0.3354, 0.3642

Protanopia

90.2162, 0.3388, 0.3578

Deuteranopia

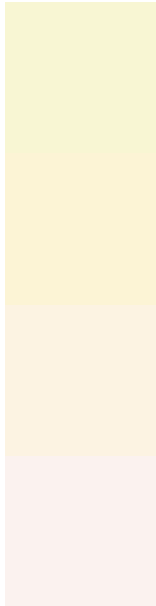
90.1688, 0.3257, 0.3349



Tritanopia

90.2356, 0.3114, 0.3145

Trichromacy



Original Color

90.5711, 0.3354, 0.3642

Protanomaly

90.2009, 0.3372, 0.3599

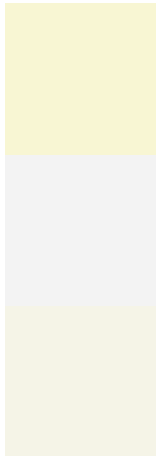
Deuteranomaly

90.2876, 0.3291, 0.3458

Tritanomaly

90.2455, 0.3205, 0.3320

Monochromacy



Original Color

90.5711, 0.3354, 0.3642

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8834, 0.3213, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5711, 0.3354, 0.3642 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(248, 246, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 246, 211)  
}
```

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(248, 246, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 246, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.5711, 0.3354, 0.3642 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(248, 246, 211) }
```

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

```
.border{ border-color:rgb(248, 246, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 246, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 246, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 246, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 246,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5711, 0.3354, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 246, 211) }
```

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

```
.background{ background-color: rgb(248,  
246, 211) }
```

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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