

Converting Colors

Yxy(90.8334, 0.3354, 0.3631)

Have a look what the booklet for
Yxy(90.8334, 0.3354, 0.3631)
contains.

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Color

Yxy(90.8047, 0.3355, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6D4
RGB	249, 246, 212
RGB Percent	98%, 96%, 83%
CMY	0.0235, 0.0353, 0.1687
CMYK	0.00, 0.01, 0.15, 0.02
HSL	55°, 76%, 90%
HSV	55°, 15%, 98%
XYZ	83.9024, 90.8047, 75.3747
YIQ	243.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

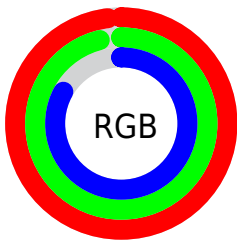
Format	Color
R _Y B	215, 249, 212
Decimal	16381652
CIE Lab	96.33, -4.54, 16.75
CIE LCh	96, 17.353, 105.164
Yxy	90.8047, 0.3355, 0.3631
Android (android.graphics.Color)	4294571732 (0xFFF9F6D4)
YUV	243.0210, -15.2934, 5.2436
Hunter-Lab	95.2915, -9.5941, 19.8062

Details

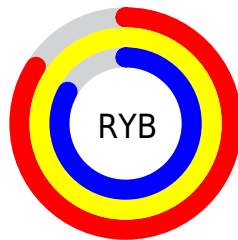
The Yxy color **90.8047, 0.3355, 0.3631** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.4142, 0.2887, 0.2925**, and the grayscale version is **89.7625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4677, 0.3402, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **88.4321, 0.3515, 0.3866**, and if you desaturate by 10%, it is **93.3923, 0.3200, 0.3400**.

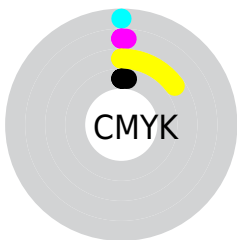
Distribution



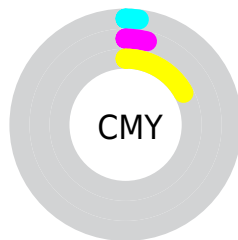
- Red (98%)
- Green (96%)
- Blue (83%)



- Red (84%)
- Yellow (98%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (2%)




- Cyan (2%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8047, 0.3355, 0.3631 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 90.8047, 0.3355, 0.3631 by changing the saturation by 10% instead.


 90.8047, 0.3355,
0.3631

 90.8047, 0.3355,
0.3631


530.6450, 0.3254,
0.3478

 68.6483, 0.3377,
0.3665


148.4557, 0.3321,
0.3579

 50.4253, 0.3403,
0.3706


184.7189, 0.3308,
0.3558

 35.7514, 0.3436,
0.3757


226.4533, 0.3296,
0.3541

 24.2423, 0.3477,
0.3823

274.0432, 0.3286,
0.3525

 15.5135, 0.3530,
0.3909

327.8728, 0.3276,
0.3511

 9.1805, 0.3602,
0.4029

388.3268, 0.3268,

 4.8591, 0.3704,

0.3499

0.4203

455.7894, 0.3261,
0.3488

■ 2.1648, 0.3861,
0.4486

■ 0.7007, 0.4421,
0.5579

■ 90.8047, 0.3355,
0.3631

■ 90.8047, 0.3355,
0.3631

■ 88.4321, 0.3515,
0.3866

■ 93.3923, 0.3200,
0.3400

■ 86.2536, 0.3676,
0.4099

■ 95.7472, 0.3092,
0.3242

■ 84.2636, 0.3831,
0.4319

■ 97.0024, 0.3091,
0.3261

■ 82.4517, 0.3976,
0.4516

■ 98.2710, 0.3090,
0.3281

80.8063, 0.4102,
0.4682

98.8791, 0.3090,
0.3290

79.3145, 0.4204,
0.4808

77.9611, 0.4280,
0.4889

76.7276, 0.4328,
0.4926

76.1272, 0.4345,
0.4932

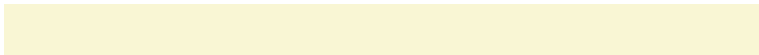
Harmonies

Analogous

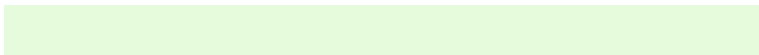
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8047, 0.3481, 0.3563



90.8047, 0.3355, 0.3631



90.8047, 0.3170, 0.3604

Triad

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



90.8047, 0.3355, 0.3631



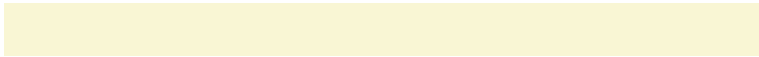
90.8047, 0.2759, 0.3135



90.8047, 0.3271, 0.3107

Complementary

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



90.8047, 0.3355, 0.3631



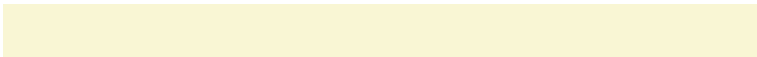
69.4142, 0.2887, 0.2925

Split Complementary

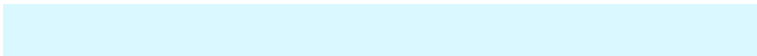
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8047, 0.3074, 0.3000



90.8047, 0.3355, 0.3631



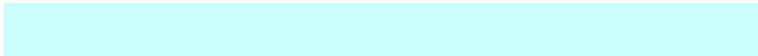
90.8047, 0.2784, 0.3011

Square

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



90.8047, 0.3355, 0.3631



90.8047, 0.2830, 0.3309



90.8047, 0.2897, 0.2964



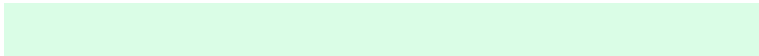
90.8047, 0.3432, 0.3261

Rectangle

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



90.8047, 0.3355, 0.3631



90.8047, 0.3040, 0.3532



90.8047, 0.2897, 0.2964



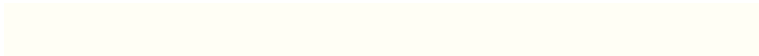
90.8047, 0.3207, 0.3065

Sweetspot

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



90.8087, 0.3355, 0.3631



98.8365, 0.3187, 0.3380



72.1231, 0.3383, 0.3259



21.1091, 0.3198, 0.3397



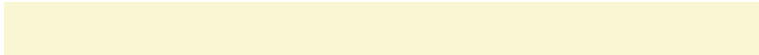
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

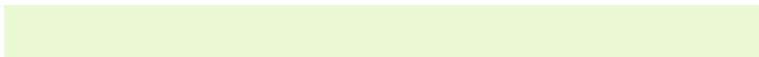
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8087, 0.3355, 0.3631



95.0485, 0.3405, 0.3705



89.9212, 0.3248, 0.3672



19.9370, 0.3271, 0.3506



40.8508, 0.4342, 0.4934



3.8523, 0.4322, 0.4950

Inverse Universe

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



69.4142, 0.2887, 0.2925



68.2793, 0.2831, 0.2838



70.3101, 0.2992, 0.2904



16.8679, 0.2979, 0.3065



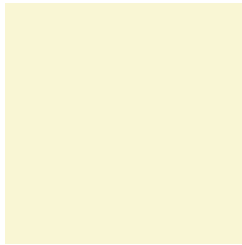
4.0091, 0.1514, 0.0651



0.4463, 0.1546, 0.0766

Previews

White Background



This preview shows how the Yxy color 90.8047, 0.3355, 0.3631 looks on a white background.

Color Contrast Check

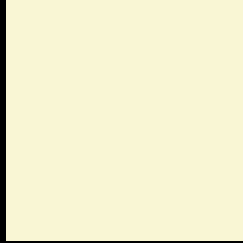
Large Text (above 18pt) WCAG AA × Fail

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 90.8047, 0.3355, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

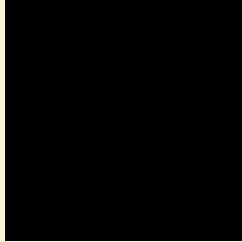
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.8047, 0.3355, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 90.8047, 0.3355, 0.3631.

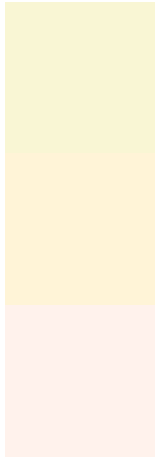


This preview shows how white text looks on a background with the Yxy color 90.8047, 0.3355, 0.3631.

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

90.8047, 0.3355, 0.3631

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

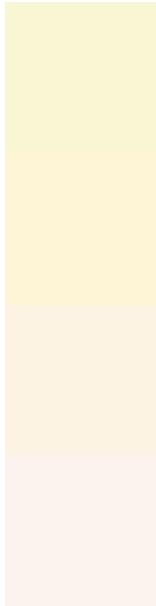
90.8204, 0.3250, 0.3349



Tritanopia

91.0132, 0.3121, 0.3155

Trichromacy



Original Color

90.8047, 0.3355, 0.3631

Protanomaly

91.0425, 0.3371, 0.3598

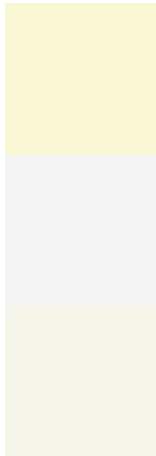
Deuteranomaly

90.5299, 0.3292, 0.3448

Tritanomaly

91.0286, 0.3210, 0.3329

Monochromacy



Original Color

90.8047, 0.3355, 0.3631

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9400, 0.3206, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8047, 0.3355, 0.3631 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(249, 246, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 212)  
}
```

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(249, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 212) }
```

Border

The CSS property to change the border of an element to Yxy 90.8047, 0.3355, 0.3631 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(249, 246, 212) }
```

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

```
.border{ border-color:rgb(249, 246, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8047, 0.3355, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 212) }
```

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

```
.background{ background-color: rgb(249,  
246, 212) }
```

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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