

Converting Colors

$Yxy(89.8225, 0.3333, 0.3592)$

Have a look what the booklet for
Yxy(89.8225, 0.3333, 0.3592)
contains.

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Color

Yxy(90.1163, 0.3337, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	F8F5D6
RGB	248, 245, 214
RGB Percent	97%, 96%, 84%
CMY	0.0274, 0.0392, 0.1607
CMYK	0.00, 0.01, 0.14, 0.03
HSL	55°, 71%, 91%
HSV	55°, 14%, 97%
XYZ	83.5096, 90.1163, 76.6276
YIQ	242.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

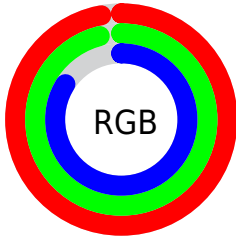
Format	Color
R _Y B	217, 248, 214
Decimal	16315862
CIE Lab	96.04, -4.06, 15.28
CIE LCh	96, 15.813, 104.885
Yxy	90.1163, 0.3337, 0.3601
Android (android.graphics.Color)	4294505942 (0xFFFF8F5D6)
YUV	242.3630, -13.9830, 4.9436
Hunter-Lab	94.9296, -9.1003, 18.5916

Details

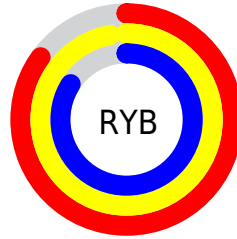
The Yxy color **90.1163, 0.3337, 0.3601** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.7312, 0.2908, 0.2959**, and the grayscale version is **89.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9748, 0.3379, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **87.6203, 0.3497, 0.3834**, and if you desaturate by 10%, it is **92.8291, 0.3182, 0.3372**.

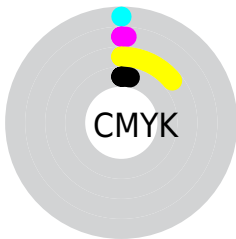
Distribution



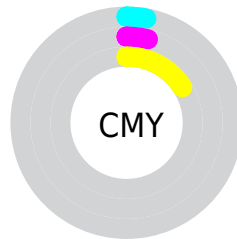
- Red (97%)
- Green (96%)
- Blue (84%)



- Red (85%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1163, 0.3337, 0.3601 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 90.1163, 0.3337, 0.3601 by changing the saturation by 10% instead.


 90.1163, 0.3337,
0.3601

 90.1163, 0.3337,
0.3601


528.4091, 0.3244,
0.3461

 68.0771, 0.3357,
0.3632


147.4999, 0.3306,
0.3553

 49.9605, 0.3382,
0.3670


183.6132, 0.3293,
0.3535

 35.3820, 0.3412,
0.3716


225.1865, 0.3282,
0.3518

 23.9573, 0.3450,
0.3776

272.6044, 0.3273,
0.3504

 15.3019, 0.3500,
0.3856

326.2512, 0.3264,
0.3492

 9.0316, 0.3568,
0.3966


386.5113, 0.3257,


 4.7618, 0.3665,


0.3480


0.4127


453.7692, 0.3250,
0.3470


 2.1082, 0.3812,
0.4387


 0.6692, 0.4451,
0.5549


 90.1163, 0.3337,
0.3601


 90.1163, 0.3337,
0.3601


 87.6203, 0.3497,
0.3834

 92.8291, 0.3182,
0.3372


 85.3205, 0.3659,
0.4066

 95.1865, 0.3086,
0.3236

 83.2115, 0.3817,
0.4286

 96.5619, 0.3085,
0.3257

 81.2829, 0.3965,
0.4486

 97.9533, 0.3085,
0.3279

■ 79.5235, 0.4096,
0.4655

■ 98.7006, 0.3084,
0.3290

■ 77.9206, 0.4204,
0.4785

■ 76.4595, 0.4285,
0.4870

■ 75.1222, 0.4339,
0.4911

■ 74.3278, 0.4361,
0.4919

Harmonies

Analogous

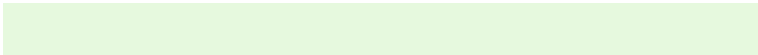
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1163, 0.3451, 0.3539



90.1163, 0.3337, 0.3601



90.1163, 0.3169, 0.3576

Triad

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



90.1163, 0.3337, 0.3601



90.1163, 0.2791, 0.3150



90.1163, 0.3257, 0.3122

Complementary

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



90.1163, 0.3337, 0.3601



70.7312, 0.2908, 0.2959

Split Complementary

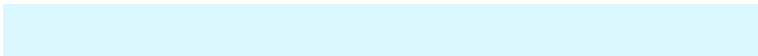
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1163, 0.3078, 0.3024



90.1163, 0.3337, 0.3601



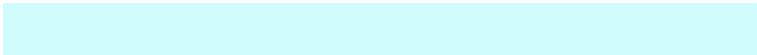
90.1163, 0.2812, 0.3036

Square

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



90.1163, 0.3337, 0.3601



90.1163, 0.2856, 0.3309



90.1163, 0.2916, 0.2991



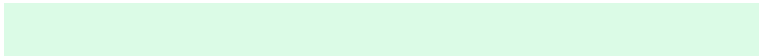
90.1163, 0.3405, 0.3262

Rectangle

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



90.1163, 0.3337, 0.3601



90.1163, 0.3050, 0.3512



90.1163, 0.2916, 0.2991



90.1163, 0.3198, 0.3083

Sweetspot

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



90.1203, 0.3337, 0.3601



98.7826, 0.3187, 0.3379



73.0992, 0.3356, 0.3256



21.0954, 0.3198, 0.3396



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.



90.1203, 0.3337, 0.3601



95.3507, 0.3374, 0.3655



89.5693, 0.3242, 0.3640



19.9110, 0.3271, 0.3504



40.2510, 0.4358, 0.4921



3.8030, 0.4336, 0.4939

Inverse Universe

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



70.7312, 0.2908, 0.2959



71.6012, 0.2867, 0.2897



71.3180, 0.3000, 0.2936



16.8912, 0.2979, 0.3067



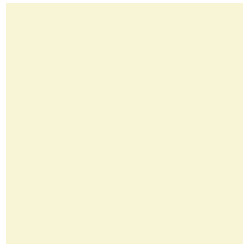
4.0555, 0.1516, 0.0658



0.4573, 0.1551, 0.0782

Previews

White Background



This preview shows how the Yxy color 90.1163, 0.3337, 0.3601 looks on a white background.

Color Contrast Check

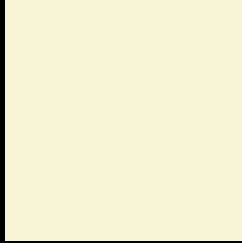
Large Text (above 18pt) WCAG AA × Fail

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 90.1163, 0.3337, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

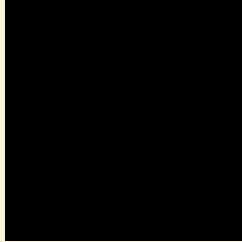
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.1163, 0.3337, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 90.1163, 0.3337, 0.3601.

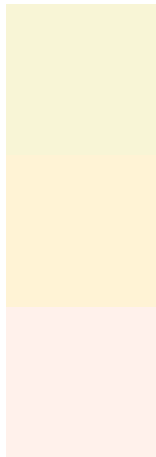


This preview shows how white text looks on a background with the Yxy color 90.1163, 0.3337, 0.3601.

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

90.1163, 0.3337, 0.3601

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

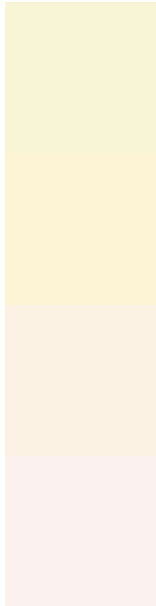
90.1688, 0.3257, 0.3349



Tritanopia

90.2356, 0.3114, 0.3145

Trichromacy



Original Color

90.1163, 0.3337, 0.3601

Protanomaly

90.2009, 0.3372, 0.3599

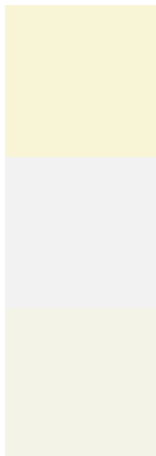
Deuteranomaly

89.7458, 0.3286, 0.3439

Tritanomaly

90.3048, 0.3198, 0.3310

Monochromacy



Original Color

90.1163, 0.3337, 0.3601

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.1605, 0.3201, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1163, 0.3337, 0.3601 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, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 214)  
}
```

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, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 214) }
```

Border

The CSS property to change the border of an element to Yxy 90.1163, 0.3337, 0.3601 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, 245, 214) }
```

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

```
.border{ border-color:rgb(248, 245, 214) }
```

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

Here you see how a box with a 4 pixel rgb(248, 245, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1163, 0.3337, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 214) }
```

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

```
.background{ background-color: rgb(248,  
245, 214) }
```

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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