

Converting Colors

$Yxy(91.7201, 0.3349, 0.3660)$

Have a look what the booklet for
Yxy(91.7201, 0.3349, 0.3660)
contains.

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Color

Yxy(91.7944, 0.3351, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	F8F8D3
RGB	248, 248, 211
RGB Percent	97%, 97%, 83%
CMY	0.0277, 0.0274, 0.1725
CMYK	0.00, 0.00, 0.15, 0.03
HSL	60°, 73%, 90%
HSV	60°, 15%, 97%
XYZ	84.0216, 91.7944, 74.9199
YIQ	243.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

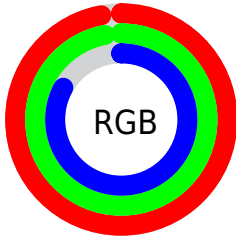
Format	Color
R_{YB}	211, 248, 211
Decimal	16316627
CIE _{Lab}	96.74, -6.06, 17.81
CIE _{LCh}	97, 18.811, 108.810
Y _{xy}	91.7944, 0.3351, 0.3661
Android (android.graphics.Color)	4294506707 (0xFFFF8F8D3)
YUV	243.7820, -16.1615, 3.6992
Hunter-Lab	95.8094, -11.1280, 20.7037

Details

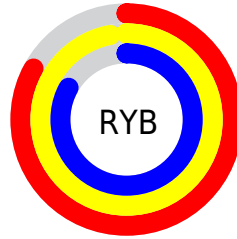
The Yxy color **91.7944, 0.3351, 0.3661** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.2316, 0.2886, 0.2890**, and the grayscale version is **90.4047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1759, 0.3397, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **90.6389, 0.3504, 0.3914**, and if you desaturate by 10%, it is **93.1499, 0.3200, 0.3410**.

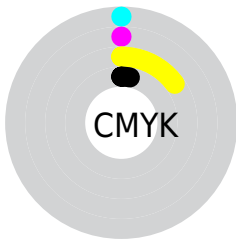
Distribution



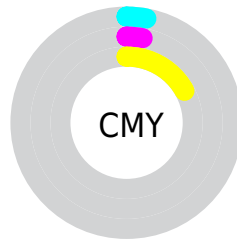
- Red (97%)
- Green (97%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.7944, 0.3351, 0.3661 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 91.7944, 0.3351, 0.3661 by changing the saturation by 10% instead.

91.7944, 0.3351,
0.3661

91.7944, 0.3351,
0.3661

533.8508, 0.3253,
0.3495

69.4699, 0.3372,
0.3698

149.8284, 0.3318,
0.3604

51.0945, 0.3398,
0.3743

186.3067, 0.3305,
0.3582

36.2838, 0.3429,
0.3798

228.2716, 0.3293,
0.3563

24.6535, 0.3469,
0.3870

276.1077, 0.3283,
0.3546

15.8191, 0.3520,
0.3964

330.1993, 0.3274,
0.3531

9.3962, 0.3588,
0.4094

390.9307, 0.3266,

5.0005, 0.3682,

0.3517

0.4284

458.6864, 0.3259,
0.3505

■ 2.2476, 0.3827,
0.4594

■ 0.7457, 0.4292,
0.5708

■ 91.7944, 0.3351,
0.3661

■ 91.7944, 0.3351,
0.3661

■ 90.6389, 0.3504,
0.3914

■ 93.1499, 0.3200,
0.3410

■ 89.6626, 0.3653,
0.4162


■ 94.3349, 0.3086,
0.3222

■ 88.8599, 0.3793,
0.4395


■ 94.3448, 0.3087,
0.3222

■ 88.2207, 0.3918,
0.4603


■ 94.3547, 0.3087,
0.3222

 87.7335, 0.4023,
0.4776


 94.3647, 0.3087,
0.3222

 87.3855, 0.4102,
0.4909


 94.3746, 0.3088,
0.3222

 87.1617, 0.4155,
0.4997

 94.3845, 0.3088,
0.3222

 87.0438, 0.4182,
0.5043

 94.3945, 0.3089,
0.3222

 87.0108, 0.4189,
0.5056

 94.4044, 0.3089,
0.3223

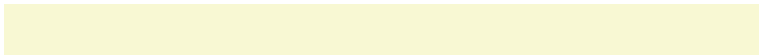
Harmonies

Analogous

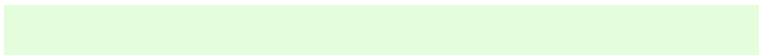
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7944, 0.3497, 0.3598



91.7944, 0.3351, 0.3661



91.7944, 0.3148, 0.3619

Triad

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



91.7944, 0.3351, 0.3661



91.7944, 0.2728, 0.3102



91.7944, 0.3307, 0.3111

Complementary

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



91.7944, 0.3351, 0.3661



67.2316, 0.2886, 0.2890

Split Complementary

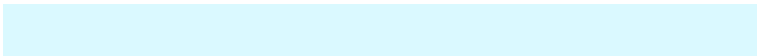
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7944, 0.3096, 0.2988



91.7944, 0.3351, 0.3661



91.7944, 0.2767, 0.2978

Square

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



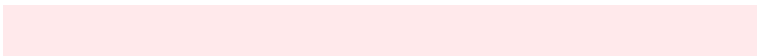
91.7944, 0.3351, 0.3661



91.7944, 0.2792, 0.3285



91.7944, 0.2899, 0.2939



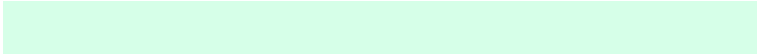
91.7944, 0.3473, 0.3280

Rectangle

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



91.7944, 0.3351, 0.3661



91.7944, 0.3008, 0.3534



91.7944, 0.2899, 0.2939



91.7944, 0.3239, 0.3063

Sweetspot

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



91.7984, 0.3351, 0.3661



99.3561, 0.3186, 0.3388



71.2553, 0.3407, 0.3291



21.2412, 0.3197, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

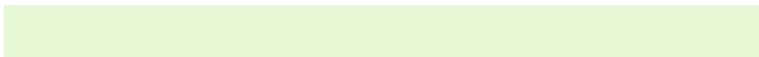
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7984, 0.3351, 0.3661



97.3694, 0.3398, 0.3740



88.5953, 0.3228, 0.3676



20.1887, 0.3269, 0.3524



46.9941, 0.4189, 0.5056



4.3531, 0.4190, 0.5055

Inverse Universe

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



67.2316, 0.2886, 0.2890



66.4546, 0.2830, 0.2797



70.1127, 0.3013, 0.2905



16.6449, 0.2979, 0.3045



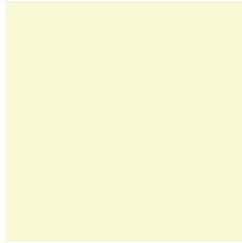
3.6638, 0.1501, 0.0600



0.3399, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 91.7944, 0.3351, 0.3661 looks on a white background.

Color Contrast Check

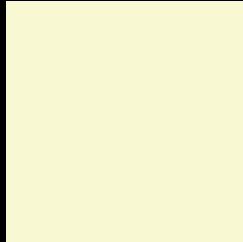
Large Text (above 18pt) WCAG AA × Fail

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 91.7944, 0.3351, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

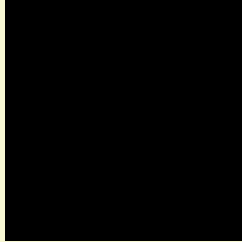
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.7944, 0.3351, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 91.7944, 0.3351, 0.3661.

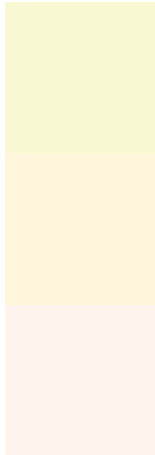


This preview shows how white text looks on a background with the Yxy color 91.7944, 0.3351, 0.3661.

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

91.7944, 0.3351, 0.3661

Protanopia

91.6793, 0.3353, 0.3547

Deuteranopia

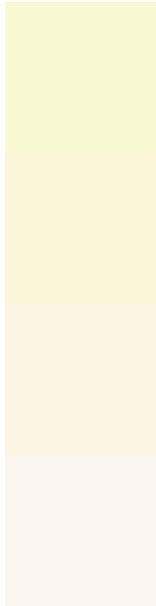
91.5342, 0.3236, 0.3339



Tritanopia

92.0166, 0.3113, 0.3174

Trichromacy



Original Color

91.7944, 0.3351, 0.3661

Protanomaly

91.5648, 0.3350, 0.3588

Deuteranomaly

91.6017, 0.3277, 0.3458

Tritanomaly

92.0460, 0.3202, 0.3349

Monochromacy



Original Color

91.7944, 0.3351, 0.3661

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5435, 0.3206, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7944, 0.3351, 0.3661 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, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 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, 248, 211) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 91.7944, 0.3351, 0.3661 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, 248, 211) }
```

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

```
.border{ border-color:rgb(248, 248, 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, 248, 211)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 91.7944, 0.3351, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(248,  
248, 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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