

Converting Colors

$Yxy(93.5053, 0.3360, 0.3727)$

Have a look what the booklet for
Yxy(93.5053, 0.3360, 0.3727)
contains.

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Color

Yxy(93.3226, 0.3359, 0.3721)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F7FBD0 |
| RGB | 247, 251, 208 |
| RGB Percent | 97%, 98%, 82% |
| CMY | 0.0313, 0.0157, 0.1844 |
| CMYK | 0.02, 0.00, 0.17, 0.02 |
| HSL | 66°, 84%, 90% |
| HSV | 66°, 17%, 98% |
| XYZ | 84.2436, 93.3226, 73.2335 |
| YIQ | 244.9020, 11.4190, -14.2210 |

Conversions

Conversions Part 2

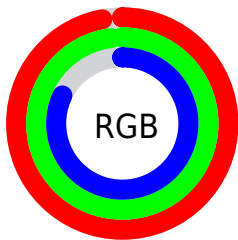
| Format | Color |
|-------------------------------------|---|
| RYB | 208, 251, 212 |
| Decimal | 16251856 |
| CIELab | 97.36, -8.32, 20.21 |
| CIELCh | 97, 21.860, 112.383 |
| Yxy | 93.3226, 0.3359, 0.3721 |
| Android (android.graphics.Color) | 4294441936 (0xFFFF7FBD0) |
| YUV | 244.9020, -18.1927, 1.8399 |
| Hunter-Lab | 96.6036, -13.3946, 22.6758 |

Details

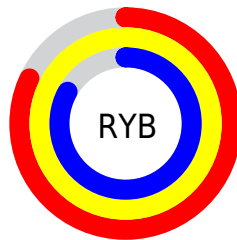
The Yxy color **93.3226, 0.3359, 0.3721** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.0584, 0.2872, 0.2827**, and the grayscale version is **91.3738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2773, 0.3405, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **91.7680, 0.3495, 0.3980**, and if you desaturate by 10%, it is **95.0862, 0.3223, 0.3466**.

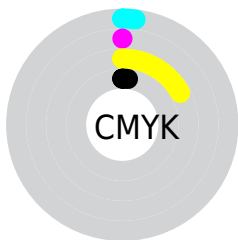
Distribution



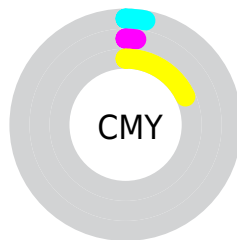
- Red (97%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3226, 0.3359, 0.3721 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 93.3226, 0.3359, 0.3721 by changing the saturation by 10% instead.

93.3226, 0.3359,
0.3721

93.3226, 0.3359,
0.3721

538.7809, 0.3258,
0.3528

70.7397, 0.3381,
0.3764

151.9452, 0.3325,
0.3655

52.1298, 0.3406,
0.3816

188.7536, 0.3312,
0.3629

37.1085, 0.3438,
0.3881

231.0726, 0.3300,
0.3607

25.2915, 0.3477,
0.3963

279.2867, 0.3290,
0.3587

16.2944, 0.3527,
0.4072

333.7801, 0.3280,
0.3569

9.7327, 0.3593,
0.4223


394.9374, 0.3272,


5.2221, 0.3681,


0.3554

0.4441


463.1429, 0.3265,
0.3540


 2.3782, 0.3820,
0.4807

 0.8146, 0.4121,
0.5879


 93.3226, 0.3359,
0.3721


 93.3226, 0.3359,
0.3721


 91.7680, 0.3495,
0.3980


 95.0862, 0.3223,
0.3466

 90.4008, 0.3627,
0.4236

 96.8485, 0.3108,
0.3252

 89.2153, 0.3747,
0.4478

 97.2838, 0.3123,
0.3252

 88.2006, 0.3852,
0.4696

 97.4754, 0.3129,
0.3252

■ 87.3446, 0.3935,
0.4879

■ 86.6338, 0.3992,
0.5021

■ 86.0520, 0.4023,
0.5118

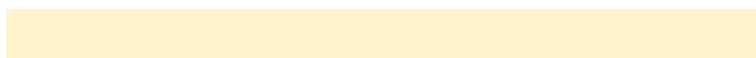
■ 85.5787, 0.4030,
0.5172

■ 85.4542, 0.4029,
0.5183

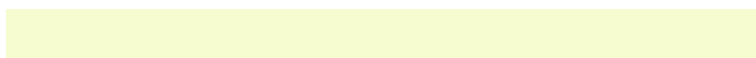
Harmonies

Analogous

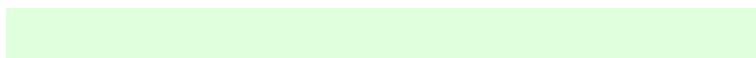
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3226, 0.3540, 0.3659



93.3226, 0.3359, 0.3721



93.3226, 0.3120, 0.3658

Triad

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



93.3226, 0.3359, 0.3721



93.3226, 0.2667, 0.3049



93.3226, 0.3362, 0.3105

Complementary

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



93.3226, 0.3359, 0.3721



66.0584, 0.2872, 0.2827

Split Complementary

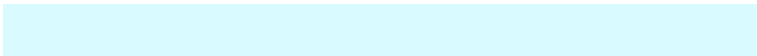
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3226, 0.3119, 0.2956



93.3226, 0.3359, 0.3721



93.3226, 0.2725, 0.2919

Square

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



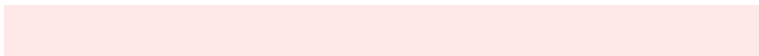
93.3226, 0.3359, 0.3721



93.3226, 0.2726, 0.3256



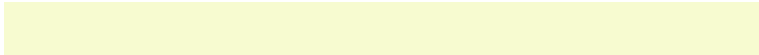
93.3226, 0.2888, 0.2888



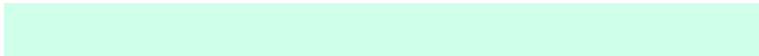
93.3226, 0.3544, 0.3302

Rectangle

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



93.3226, 0.3359, 0.3721



93.3226, 0.2962, 0.3551



93.3226, 0.2888, 0.2888



93.3226, 0.3284, 0.3048

Sweetspot

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



93.3267, 0.3359, 0.3721



98.9829, 0.3194, 0.3413



71.9327, 0.3451, 0.3328



21.1568, 0.3203, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

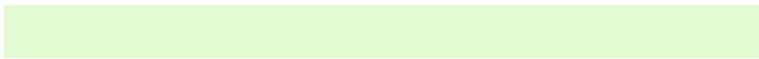
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3267, 0.3359, 0.3721



96.0909, 0.3412, 0.3821



89.7020, 0.3220, 0.3740



20.1044, 0.3254, 0.3525



44.9518, 0.4032, 0.5181



4.1864, 0.4052, 0.5165

Inverse Universe

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



66.0584, 0.2872, 0.2827



62.3830, 0.2806, 0.2710



69.4038, 0.3019, 0.2847



16.7198, 0.2993, 0.3046



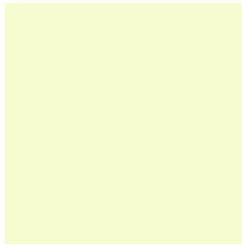
3.7845, 0.1530, 0.0617



0.3756, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 93.3226, 0.3359, 0.3721 looks on a white background.

Color Contrast Check

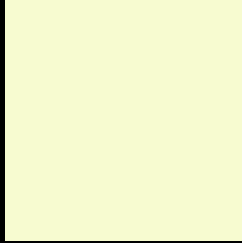
Large Text (above 18pt) WCAG AA × Fail

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 93.3226, 0.3359, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

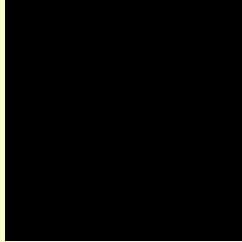
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

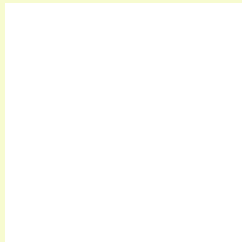
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3226, 0.3359, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 93.3226, 0.3359, 0.3721.

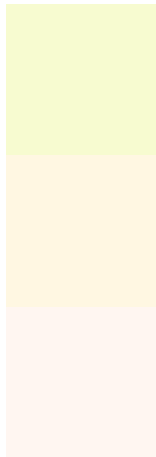


This preview shows how white text looks on a background with the Yxy color 93.3226, 0.3359, 0.3721.

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

93.3226, 0.3359, 0.3721

Protanopia

93.2725, 0.3307, 0.3496

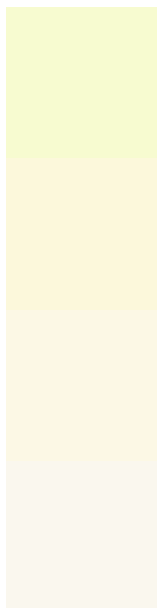
Deuteranopia

93.5224, 0.3216, 0.3339

Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

93.3226, 0.3359, 0.3721

Protanomaly

92.9447, 0.3329, 0.3577

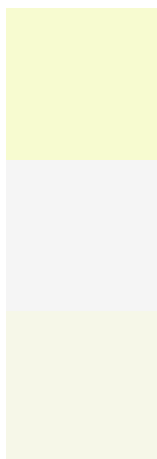
Deuteranomaly

93.4874, 0.3267, 0.3477

Tritanomaly

93.0186, 0.3200, 0.3378

Monochromacy



Original Color

93.3226, 0.3359, 0.3721

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.9406, 0.3211, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3226, 0.3359, 0.3721 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(247, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 208)  
}
```

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(247, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 208) }
```

Border

The CSS property to change the border of an element to Yxy 93.3226, 0.3359, 0.3721 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(247, 251, 208) }
```

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

```
.border{ border-color:rgb(247, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3226, 0.3359, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 208) }
```

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

```
.background{ background-color: rgb(247,  
251, 208) }
```

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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