

Converting Colors

$Y_{xy}(91.8325, 0.3315, 0.3713)$

Have a look what the booklet for
Yxy(91.8325, 0.3315, 0.3713)
contains.

| | |
|--|----|
| Yxy(91.6754, 0.3314, 0.3706) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(91.6754, 0.3314, 0.3706)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F1FAD1 |
| RGB | 241, 250, 209 |
| RGB Percent | 95%, 98%, 82% |
| CMY | 0.0548, 0.0196, 0.1803 |
| CMYK | 0.04, 0.00, 0.16, 0.02 |
| HSL | 73°, 80%, 90% |
| HSV | 73°, 16%, 98% |
| XYZ | 81.9785, 91.6754, 73.7163 |
| YIQ | 242.6350, 7.7970, -14.6590 |

Conversions

Conversions Part 2

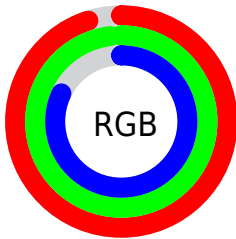
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 209, 250, 218 |
| Decimal | 15858385 |
| CIE Lab | 96.69, -9.78, 18.67 |
| CIE LCh | 97, 21.077, 117.635 |
| Yxy | 91.6754, 0.3314, 0.3706 |
| Android (android.graphics.Color) | 4294048465 (0xFFFF1FAD1) |
| YUV | 242.6350, -16.5821, -1.4339 |
| Hunter-Lab | 95.7473, -14.7266, 21.3754 |

Details

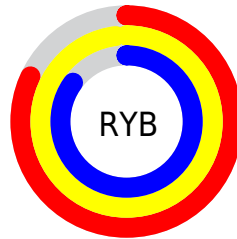
The Yxy color **91.6754, 0.3314, 0.3706** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4259, 0.2920, 0.2854**, and the grayscale version is **89.4587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2310, 0.3357, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **89.5868, 0.3428, 0.3974**, and if you desaturate by 10%, it is **93.9953, 0.3199, 0.3448**.

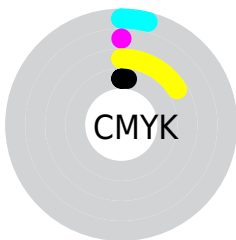
Distribution



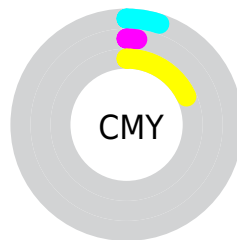
- Red (95%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6754, 0.3314, 0.3706 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 91.6754, 0.3314, 0.3706 by changing the saturation by 10% instead.

91.6754, 0.3314,
0.3706

91.6754, 0.3314,
0.3706

533.4659, 0.3233,
0.3518

69.3711, 0.3331,
0.3748

149.6634, 0.3287,
0.3642

51.0140, 0.3352,
0.3799

186.1159, 0.3276,
0.3616

36.2197, 0.3377,
0.3863

228.0532, 0.3267,
0.3595

24.6039, 0.3409,
0.3944

275.8597, 0.3258,
0.3576

15.7822, 0.3449,
0.4053

329.9198, 0.3251,
0.3559

9.3702, 0.3501,
0.4204

390.6180, 0.3244,

4.9834, 0.3571,

0.3544

0.4426

458.3386, 0.3238,
0.3530

■ 2.2375, 0.3680,
0.4804

■ 0.7403, 0.3858,
0.6142

■ 91.6754, 0.3314,
0.3706

■ 91.6754, 0.3314,
0.3706

■ 89.5868, 0.3428,
0.3974

■ 93.9953, 0.3199,
0.3448

■ 87.7083, 0.3537,
0.4243

■ 96.2807, 0.3110,
0.3242

■ 86.0337, 0.3635,
0.4505

■ 96.8495, 0.3129,
0.3242

■ 84.5523, 0.3718,
0.4749

■ 83.2519, 0.3779,
0.4962

■ 82.1189, 0.3816,
0.5135

■ 81.1374, 0.3827,
0.5261

■ 80.2876, 0.3812,
0.5340

■ 80.0019, 0.3804,
0.5362

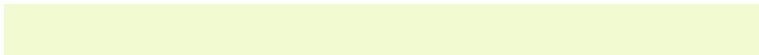
Harmonies

Analogous

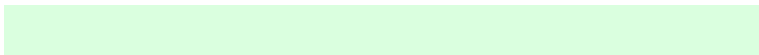
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6754, 0.3504, 0.3667



91.6754, 0.3314, 0.3706



91.6754, 0.3079, 0.3624

Triad

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



91.6754, 0.3314, 0.3706



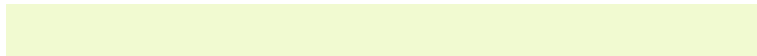
91.6754, 0.2682, 0.3028



91.6754, 0.3392, 0.3142

Complementary

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



91.6754, 0.3314, 0.3706



67.4259, 0.2920, 0.2854

Split Complementary

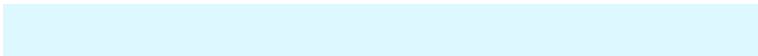
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6754, 0.3162, 0.2986



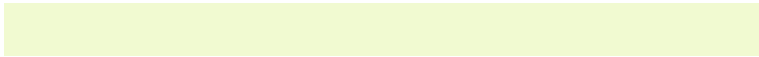
91.6754, 0.3314, 0.3706



91.6754, 0.2758, 0.2917

Square

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



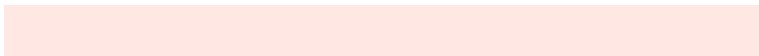
91.6754, 0.3314, 0.3706



91.6754, 0.2720, 0.3219



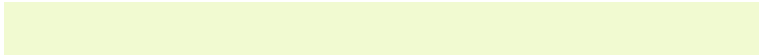
91.6754, 0.2931, 0.2905



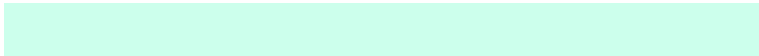
91.6754, 0.3551, 0.3337

Rectangle

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



91.6754, 0.3314, 0.3706



91.6754, 0.2929, 0.3510



91.6754, 0.2931, 0.2905



91.6754, 0.3320, 0.3084

Sweetspot

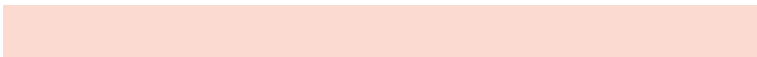
The Sweet Spot groups the original color and five complimentary colors.



91.6794, 0.3314, 0.3706



98.6799, 0.3184, 0.3413



75.0242, 0.3425, 0.3382



21.0829, 0.3192, 0.3431



0.0000, 0.0000, 0.0000



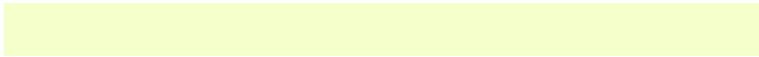
21.4041, 0.3127, 0.3290

Same Dimension

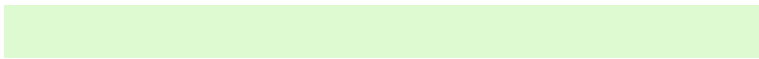
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6794, 0.3314, 0.3706



95.0818, 0.3356, 0.3803



88.2903, 0.3180, 0.3724



19.9877, 0.3235, 0.3527



42.5025, 0.3810, 0.5357



3.9822, 0.3858, 0.5319

Inverse Universe

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



67.4259, 0.2920, 0.2854



64.8790, 0.2867, 0.2747



70.7641, 0.3063, 0.2873



16.8263, 0.3013, 0.3047



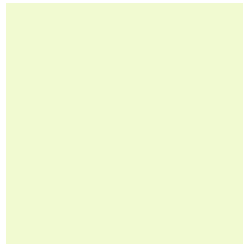
4.1396, 0.1614, 0.0663



0.4278, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 91.6754, 0.3314, 0.3706 looks on a white background.

Color Contrast Check

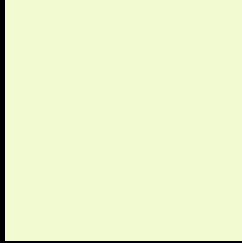
Large Text (above 18pt) WCAG AA × Fail

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 91.6754, 0.3314, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

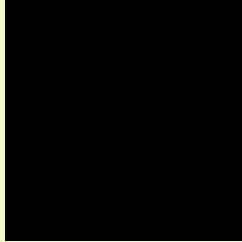
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

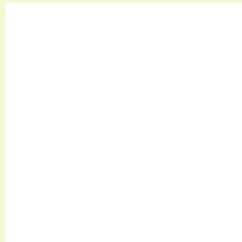
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6754, 0.3314, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 91.6754, 0.3314, 0.3706.

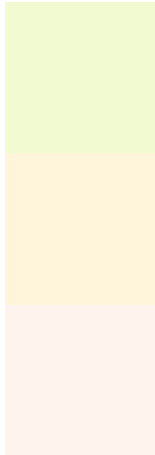


This preview shows how white text looks on a background with the Yxy color 91.6754, 0.3314, 0.3706.

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

91.6754, 0.3314, 0.3706

Protanopia

91.6268, 0.3359, 0.3557

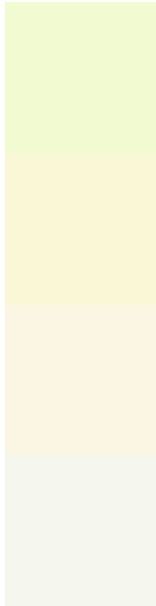
Deuteranopia

91.4756, 0.3243, 0.3349

Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.6754, 0.3314, 0.3706

Protanomaly

91.7518, 0.3342, 0.3609

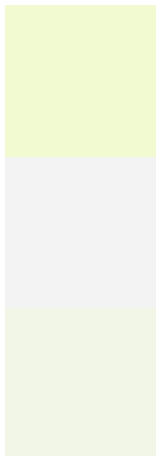
Deuteranomaly

91.7816, 0.3268, 0.3478

Tritanomaly

91.4971, 0.3169, 0.3369

Monochromacy



Original Color

91.6754, 0.3314, 0.3706

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5583, 0.3191, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6754, 0.3314, 0.3706 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(241, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 209)  
}
```

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(241, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 209) }
```

Border

The CSS property to change the border of an element to Yxy 91.6754, 0.3314, 0.3706 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(241, 250, 209) }
```

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

```
.border{ border-color:rgb(241, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6754, 0.3314, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 209) }
```

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

```
.background{ background-color: rgb(241,  
250, 209) }
```

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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