

Converting Colors

$Yxy(93.7130, 0.3221, 0.3496)$

Have a look what the booklet for
Yxy(93.7130, 0.3221, 0.3496)
contains.

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Color

Yxy(93.6212, 0.3226, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	F6FAE5
RGB	246, 250, 229
RGB Percent	96%, 98%, 90%
CMY	0.0353, 0.0196, 0.1018
CMYK	0.02, 0.00, 0.08, 0.02
HSL	71°, 68%, 94%
HSV	71°, 8%, 98%
XYZ	86.3413, 93.6212, 87.6795
YIQ	246.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

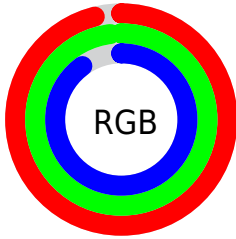
Format	Color
R _Y B	229, 250, 233
Decimal	16186085
CIE Lab	97.48, -4.89, 9.58
CIE LCh	97, 10.760, 117.038
Yxy	93.6212, 0.3226, 0.3498
Android (android.graphics.Color)	4294376165 (0xFFFF6FAE5)
YUV	246.4100, -8.5831, -0.3596
Hunter-Lab	96.7580, -10.0434, 14.0036

Details

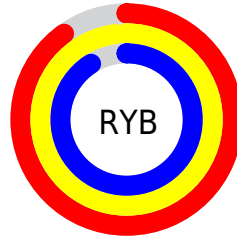
The Yxy color 93.6212, 0.3226, 0.3498 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.2945, 0.3023, 0.3077, and the grayscale version is 92.5820, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5867, 0.3246, 0.3543 is the 20% darker color. If you saturate the color by 10%, you get 91.4775, 0.3346, 0.3758, and if you desaturate by 10%, it is 95.9962, 0.3108, 0.3251.

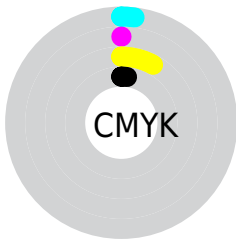
Distribution



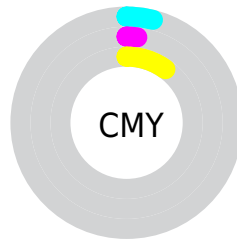
- Red (96%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6212, 0.3226, 0.3498 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 93.6212, 0.3226, 0.3498 by changing the saturation by 10% instead.


 93.6212, 0.3226,
0.3498

 93.6212, 0.3226,
0.3498


539.7414, 0.3183,
0.3405

 70.9879, 0.3235,
0.3518


152.3584, 0.3211,
0.3466

 52.3323, 0.3247,
0.3543

189.2310, 0.3206,
0.3454

 37.2701, 0.3261,
0.3574


231.6190, 0.3201,
0.3443

 25.4167, 0.3278,
0.3614

279.9066, 0.3196,
0.3434

 16.3877, 0.3301,
0.3666

334.4782, 0.3192,
0.3425

 9.7989, 0.3332,
0.3739

395.7183, 0.3189,

 5.2659, 0.3376,

0.3418

0.3846

464.0113, 0.3186,
0.3411

■ 2.4041, 0.3444,
0.4018

■ 0.8280, 0.3865,
0.4794

■ 93.6212, 0.3226,
0.3498

■ 93.6212, 0.3226,
0.3498

■ 91.4775, 0.3346,
0.3758

■ 95.9962, 0.3108,
0.3251

■ 89.5442, 0.3464,
0.4024

■ 96.8511, 0.3129,
0.3242

■ 87.8160, 0.3576,
0.4290

■ 86.2829, 0.3677,
0.4545

■ 84.9338, 0.3762,
0.4777

■ 83.7565, 0.3824,
0.4977

■ 82.7371, 0.3860,
0.5135

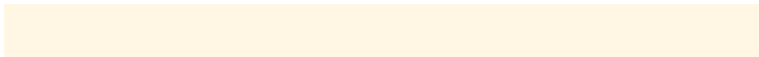
■ 81.8591, 0.3871,
0.5246

■ 81.0997, 0.3857,
0.5313

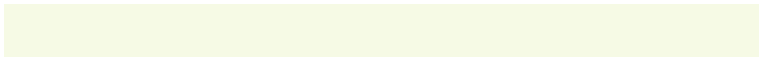
Harmonies

Analogous

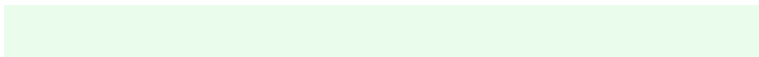
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6212, 0.3320, 0.3481



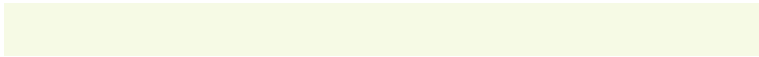
93.6212, 0.3226, 0.3498



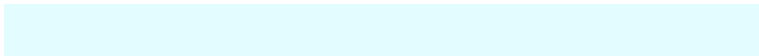
93.6212, 0.3107, 0.3457

Triad

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



93.6212, 0.3226, 0.3498



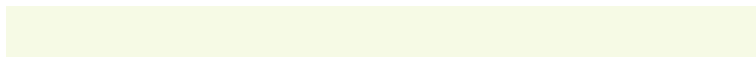
93.6212, 0.2898, 0.3161



93.6212, 0.3259, 0.3213

Complementary

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



93.6212, 0.3226, 0.3498



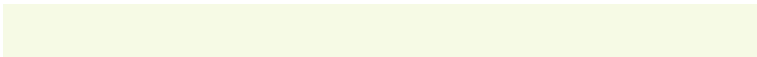
80.2945, 0.3023, 0.3077

Split Complementary

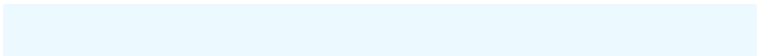
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.6212, 0.3144, 0.3131



93.6212, 0.3226, 0.3498



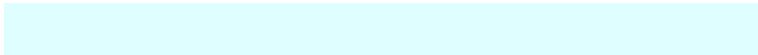
93.6212, 0.2937, 0.3100

Square

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



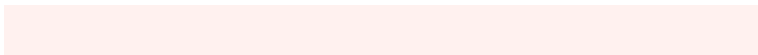
93.6212, 0.3226, 0.3498



93.6212, 0.2919, 0.3259



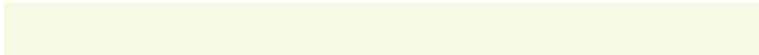
93.6212, 0.3026, 0.3090



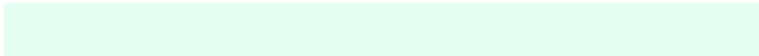
93.6212, 0.3340, 0.3315

Rectangle

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



93.6212, 0.3226, 0.3498



93.6212, 0.3030, 0.3402



93.6212, 0.3026, 0.3090



93.6212, 0.3223, 0.3182

Sweetspot

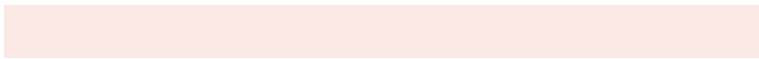
The Sweet Spot groups the original color and five complimentary colors.



93.6253, 0.3226, 0.3498



99.2418, 0.3162, 0.3363



84.1968, 0.3269, 0.3329



21.1992, 0.3172, 0.3383



0.0000, 0.0000, 0.0000



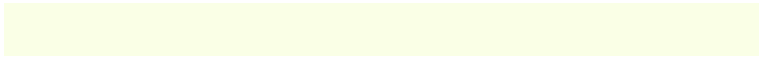
21.4041, 0.3127, 0.3290

Same Dimension

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



93.6253, 0.3226, 0.3498



97.5558, 0.3245, 0.3540



91.8089, 0.3159, 0.3502



20.0139, 0.3239, 0.3526



43.0160, 0.3860, 0.5317



4.0255, 0.3902, 0.5284

Inverse Universe

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



80.2945, 0.3023, 0.3077



81.0884, 0.3002, 0.3033



82.0845, 0.3092, 0.3081



16.8020, 0.3009, 0.3047



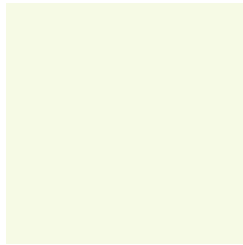
4.0350, 0.1590, 0.0649



0.4148, 0.1691, 0.0705

Previews

White Background



This preview shows how the Yxy color 93.6212, 0.3226, 0.3498 looks on a white background.

Color Contrast Check

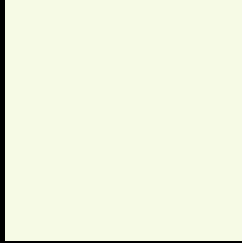
Large Text (above 18pt) WCAG AA × Fail

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 93.6212, 0.3226, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

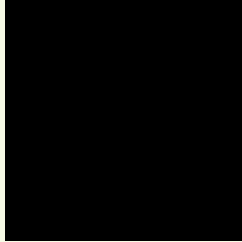
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

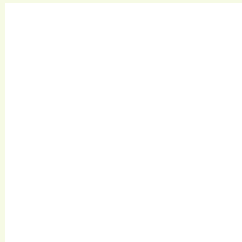
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6212, 0.3226, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 93.6212, 0.3226, 0.3498.

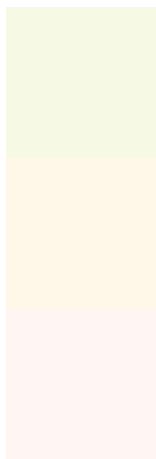


This preview shows how white text looks on a background with the Yxy color 93.6212, 0.3226, 0.3498.

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

93.6212, 0.3226, 0.3498

Protanopia

93.6077, 0.3270, 0.3437

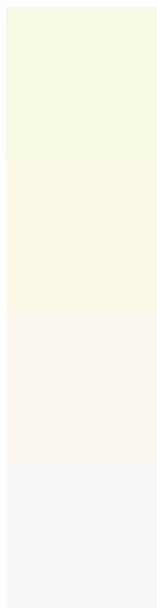
Deuteranopia

93.7032, 0.3197, 0.3310

Tritanopia

93.2713, 0.3093, 0.3203

Trichromacy



Original Color

93.6212, 0.3226, 0.3498

Protanomaly

93.5998, 0.3255, 0.3457

Deuteranomaly

93.4490, 0.3207, 0.3368

Tritanomaly

93.1318, 0.3139, 0.3300

Monochromacy



Original Color

93.6212, 0.3226, 0.3498

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4056, 0.3162, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6212, 0.3226, 0.3498 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(246, 250, 229)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 229)  
}
```

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(246, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 229) }
```

Border

The CSS property to change the border of an element to Yxy 93.6212, 0.3226, 0.3498 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(246, 250, 229) }
```

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

```
.border{ border-color:rgb(246, 250, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6212, 0.3226, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 229) }
```

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

```
.background{ background-color: rgb(246,  
250, 229) }
```

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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