

Converting Colors

$Yxy(96.9647, 0.3245, 0.3566)$

Have a look what the booklet for
Yxy(96.9647, 0.3245, 0.3566)
contains.

Yxy(97.0225, 0.3246, 0.3566)	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(97.0225, 0.3246, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE3
RGB	248, 255, 227
RGB Percent	97%, 100%, 89%
CMY	0.0277, 0.0000, 0.1098
CMYK	0.03, 0.00, 0.11, 0.00
HSL	75°, 100%, 95%
HSV	75°, 11%, 100%
XYZ	88.3161, 97.0225, 86.7380
YIQ	249.7150, 4.8160, -10.1920

Conversions

Conversions Part 2

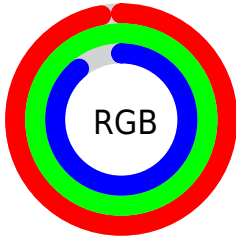
Format	Color
R_{YB}	227, 255, 234
Decimal	16318435
CIE Lab	98.84, -7.08, 12.59
CIE LCh	99, 14.447, 119.346
Yxy	97.0225, 0.3246, 0.3566
Android (android.graphics.Color)	4294508515 (0xFFFF8FFE3)
YUV	249.7150, -11.1985, -1.5041
Hunter-Lab	98.5000, -12.3302, 16.7399

Details

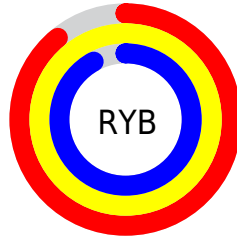
The Yxy color 97.0225, 0.3246, 0.3566 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 79.6568, 0.3000, 0.3007, and the grayscale version is 95.4214, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5732, 0.3272, 0.3616 is the 20% darker color. If you saturate the color by 10%, you get 94.5471, 0.3355, 0.3831, and if you desaturate by 10%, it is 99.7196, 0.3138, 0.3314.

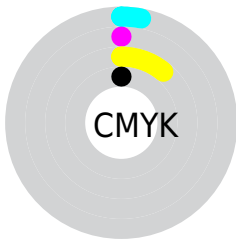
Distribution



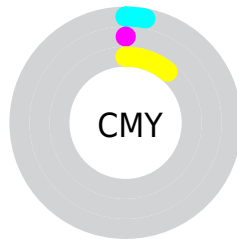
- Red (97%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0225, 0.3246, 0.3566 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 97.0225, 0.3246, 0.3566 by changing the saturation by 10% instead.


 97.0225, 0.3246,
0.3566

 97.0225, 0.3246,
0.3566


550.6197, 0.3195,
0.3443

 73.8194, 0.3257,
0.3593


157.0558, 0.3229,
0.3524

 54.6463, 0.3270,
0.3626


194.6549, 0.3222,
0.3508

 39.1186, 0.3286,
0.3666


237.8214, 0.3216,
0.3494

 26.8520, 0.3307,
0.3718

286.9398, 0.3211,
0.3481

 17.4621, 0.3333,
0.3787

342.3944, 0.3206,
0.3470

 10.5645, 0.3367,
0.3881

404.5697, 0.3202,

 5.7748, 0.3415,

0.3460

0.4019

473.8500, 0.3198,
0.3451

■ 2.7086, 0.3484,
0.4238

■ 0.9816, 0.3936,
0.5103

■ 97.0225, 0.3246,
0.3566

■ 97.0225, 0.3246,
0.3566

■ 94.5471, 0.3355,
0.3831

■ 99.7196, 0.3138,
0.3314

■ 92.3249, 0.3461,
0.4104

■ 100.0000, 0.3127,
0.3290

■ 90.3320, 0.3560,
0.4375

■ 88.5572, 0.3646,
0.4636

■ 86.9886, 0.3713,
0.4874

■ 85.6126, 0.3758,
0.5076

■ 84.4137, 0.3777,
0.5235

■ 83.3735, 0.3769,
0.5346

■ 82.5460, 0.3745,
0.5409

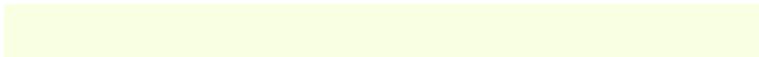
Harmonies

Analogous

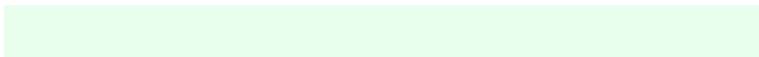
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0225, 0.3375, 0.3548



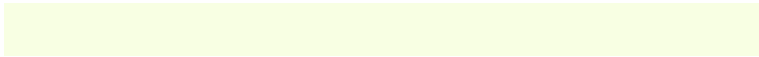
97.0225, 0.3246, 0.3566



97.0225, 0.3087, 0.3506

Triad

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



97.0225, 0.3246, 0.3566



97.0225, 0.2826, 0.3110



97.0225, 0.3313, 0.3197

Complementary

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



97.0225, 0.3246, 0.3566



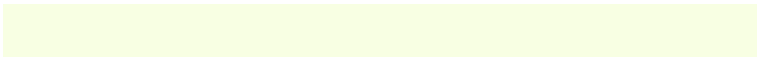
79.6568, 0.3000, 0.3007

Split Complementary

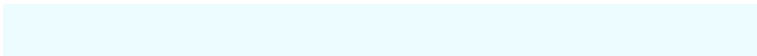
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0225, 0.3161, 0.3088



97.0225, 0.3246, 0.3566



97.0225, 0.2882, 0.3035

Square

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



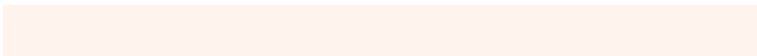
97.0225, 0.3246, 0.3566



97.0225, 0.2847, 0.3237



97.0225, 0.3004, 0.3029



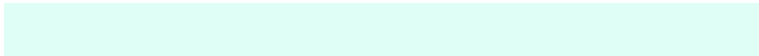
97.0225, 0.3415, 0.3332

Rectangle

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



97.0225, 0.3246, 0.3566



97.0225, 0.2987, 0.3429



97.0225, 0.3004, 0.3029



97.0225, 0.3266, 0.3156

Sweetspot

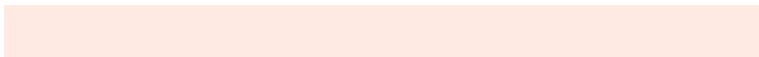
The Sweet Spot groups the original color and five complimentary colors.



97.0088, 0.3246, 0.3566



99.1525, 0.3159, 0.3363



85.6476, 0.3316, 0.3360



21.1751, 0.3168, 0.3383



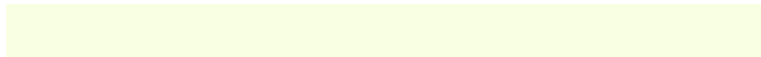
0.0000, 0.0000, 0.0000



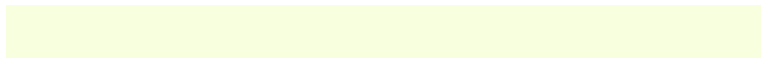
21.4041, 0.3127, 0.3290

Same Dimension

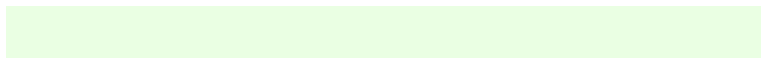
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0088, 0.3246, 0.3566



96.4927, 0.3268, 0.3618



94.5569, 0.3157, 0.3573



20.8463, 0.3230, 0.3528



43.2067, 0.3752, 0.5403



4.2586, 0.3804, 0.5361

Inverse Universe

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



79.6568, 0.3000, 0.3007



76.2424, 0.2974, 0.2951



82.1096, 0.3093, 0.3015



17.5993, 0.3018, 0.3047



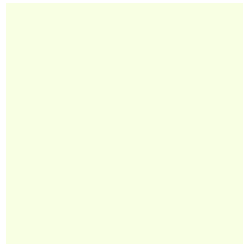
4.4081, 0.1646, 0.0680



0.4783, 0.1755, 0.0741

Previews

White Background



This preview shows how the Yxy color 97.0225, 0.3246, 0.3566 looks on a white background.

Color Contrast Check

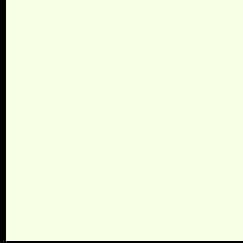
Large Text (above 18pt) WCAG AA × Fail

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 97.0225, 0.3246, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

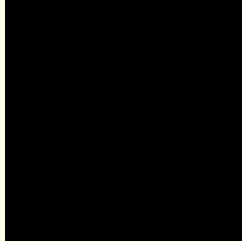
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

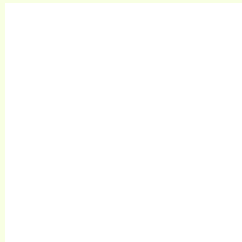
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.0225, 0.3246, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 97.0225, 0.3246, 0.3566.

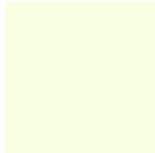


This preview shows how white text looks on a background with the Yxy color 97.0225, 0.3246, 0.3566.

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

97.0225, 0.3246, 0.3566



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

97.0225, 0.3246, 0.3566

Protanomaly

96.4307, 0.3215, 0.3436

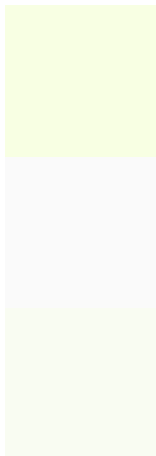
Deuteranomaly

96.6671, 0.3192, 0.3397

Tritanomaly

96.7226, 0.3162, 0.3358

Monochromacy



Original Color

97.0225, 0.3246, 0.3566

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1713, 0.3167, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0225, 0.3246, 0.3566 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, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 227)  
}
```

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, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 97.0225, 0.3246, 0.3566 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, 255, 227) }
```

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

```
.border{ border-color:rgb(248, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0225, 0.3246, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 227) }
```

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

```
.background{ background-color: rgb(248,  
255, 227) }
```

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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