

Converting Colors

$Y_{xy}(97.7277, 0.3211, 0.3513)$

Have a look what the booklet for
Yxy(97.7277, 0.3211, 0.3513)
contains.

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Color

Yxy(97.3597, 0.3211, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE9
RGB	248, 255, 233
RGB Percent	97%, 100%, 91%
CMY	0.0276, 0.0000, 0.0864
CMYK	0.03, 0.00, 0.09, 0.00
HSL	79°, 100%, 96%
HSV	79°, 9%, 100%
XYZ	89.1677, 97.3597, 91.1671
YIQ	250.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

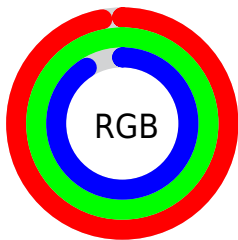
Format	Color
R_{YB}	233, 255, 240
Decimal	16318441
CIE _{Lab}	98.97, -6.09, 9.72
CIE _{LCh}	99, 11.469, 122.070
Yxy	97.3597, 0.3211, 0.3506
Android (android.graphics.Color)	4294508521 (0xFFFF8FFE9)
YUV	250.3990, -8.5777, -2.1039
Hunter-Lab	98.6710, -11.3662, 14.2887

Details

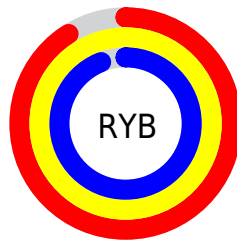
The Yxy color 97.3597, 0.3211, 0.3506 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.0142, 0.3038, 0.3071, and the grayscale version is 96.0043, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7690, 0.3235, 0.3552 is the 20% darker color. If you saturate the color by 10%, you get 94.5425, 0.3309, 0.3771, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

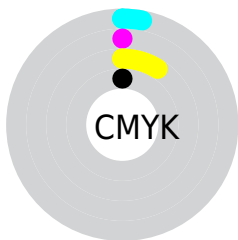
Distribution



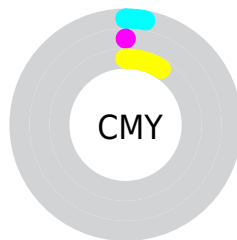
- Red (97%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3597, 0.3211, 0.3506 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 97.3597, 0.3211, 0.3506 by changing the saturation by 10% instead.

 97.3597, 0.3211,
0.3506

 97.3597, 0.3211,
0.3506

551.6920, 0.3175,
0.3410

 74.1005, 0.3219,
0.3527


157.5206, 0.3199,
0.3473

 54.8763, 0.3228,
0.3553


195.1912, 0.3194,
0.3461

 39.3027, 0.3240,
0.3584


238.4342, 0.3190,
0.3449

 26.9953, 0.3254,
0.3625

287.6343, 0.3186,
0.3440

 17.5697, 0.3272,
0.3678

343.1757, 0.3183,
0.3431

 10.6415, 0.3297,
0.3751

405.4429, 0.3180,

 5.8263, 0.3332,

0.3423

0.3858

474.8202, 0.3177,
0.3416

■ 2.7398, 0.3383,
0.4028

■ 0.9974, 0.3624,
0.4545

■ 97.3597, 0.3211,
0.3506

■ 97.3597, 0.3211,
0.3506

■ 94.5425, 0.3309,
0.3771

100.0000, 0.3127,
0.3290

■ 91.9982, 0.3404,
0.4047

■ 89.7090, 0.3493,
0.4328

■ 87.6636, 0.3570,
0.4603

■ 85.8498, 0.3630,
0.4859

■ 84.2540, 0.3669,
0.5085

■ 82.8607, 0.3682,
0.5269

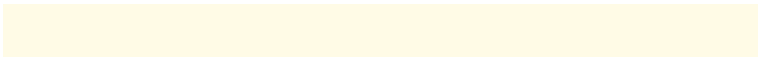
■ 81.6519, 0.3670,
0.5403

■ 80.6022, 0.3636,
0.5490

Harmonies

Analogous

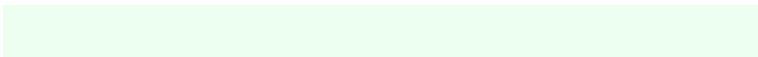
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3597, 0.3316, 0.3498



97.3597, 0.3211, 0.3506



97.3597, 0.3085, 0.3453

Triad

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



97.3597, 0.3211, 0.3506



97.3597, 0.2889, 0.3140



97.3597, 0.3284, 0.3226

Complementary

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



97.3597, 0.3211, 0.3506



84.0142, 0.3038, 0.3071

Split Complementary

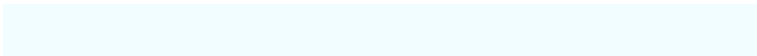
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3597, 0.3166, 0.3135



97.3597, 0.3211, 0.3506



97.3597, 0.2939, 0.3085

Square

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



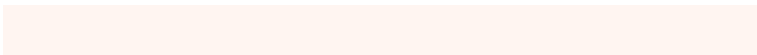
97.3597, 0.3211, 0.3506



97.3597, 0.2900, 0.3238



97.3597, 0.3040, 0.3084



97.3597, 0.3359, 0.3334

Rectangle

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



97.3597, 0.3211, 0.3506



97.3597, 0.3006, 0.3390



97.3597, 0.3040, 0.3084



97.3597, 0.3248, 0.3192

Sweetspot

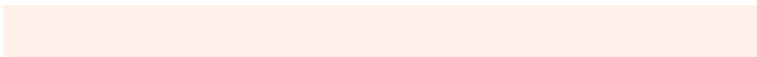
The Sweet Spot groups the original color and five complimentary colors.



97.3524, 0.3211, 0.3506



99.0565, 0.3156, 0.3363



89.4346, 0.3271, 0.3359



21.1491, 0.3164, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

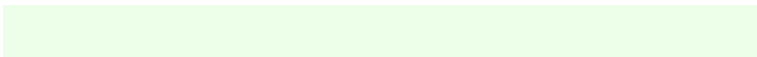
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3524, 0.3211, 0.3506



96.9529, 0.3224, 0.3541



95.4095, 0.3142, 0.3510



20.7828, 0.3220, 0.3528



42.1293, 0.3639, 0.5492



4.1606, 0.3704, 0.5441

Inverse Universe

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



84.0142, 0.3038, 0.3071



81.6515, 0.3023, 0.3034



85.9889, 0.3110, 0.3076



17.6593, 0.3029, 0.3048



4.7676, 0.1724, 0.0724



0.5199, 0.1844, 0.0790

Previews

White Background



This preview shows how the Yxy color 97.3597, 0.3211, 0.3506 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 97.3597, 0.3211, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

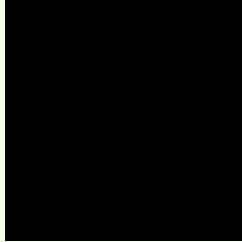
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

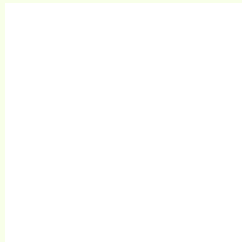
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.3597, 0.3211, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 97.3597, 0.3211, 0.3506.



This preview shows how white text looks on a background with the Yxy color 97.3597, 0.3211, 0.3506.

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

97.3597, 0.3211, 0.3506



Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.3597, 0.3211, 0.3506

Protanomaly

97.2969, 0.3191, 0.3406

Deuteranomaly

96.8479, 0.3174, 0.3367

Tritanomaly

97.4752, 0.3149, 0.3348

Monochromacy



Original Color

97.3597, 0.3211, 0.3506

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.2922, 0.3155, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3597, 0.3211, 0.3506 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 233) }
```

Border

The CSS property to change the border of an element to Yxy 97.3597, 0.3211, 0.3506 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, 233) }
```

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

```
.border{ border-color:rgb(248, 255, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3597, 0.3211, 0.3506 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, 233) }
```

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

```
.background{ background-color: rgb(248,  
255, 233) }
```

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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