

Converting Colors

$Y_{xy}(100.0000, 0.3096, 0.3424)$

Have a look what the booklet for
Yxy(100.0000, 0.3096, 0.3424)
contains.

Yxy(97.0511, 0.3098, 0.3378)	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(97.0511, 0.3098, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFF6
RGB	242, 255, 246
RGB Percent	95%, 100%, 96%
CMY	0.0511, 0.0000, 0.0352
CMYK	0.05, 0.00, 0.04, 0.00
HSL	139°, 100%, 97%
HSV	139°, 5%, 100%
XYZ	89.0066, 97.0511, 101.2457
YIQ	250.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

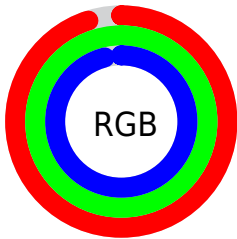
Format	Color
R_{YB}	242, 252, 255
Decimal	15925238
CIE _{Lab}	98.85, -5.86, 2.80
CIE _{LCh}	99, 6.497, 154.429
Yxy	97.0511, 0.3098, 0.3378
Android (android.graphics.Color)	4294115318 (0xFFFF2FFF6)
YUV	250.0870, -2.0149, -7.0923
Hunter-Lab	98.5145, -11.1279, 8.0264

Details

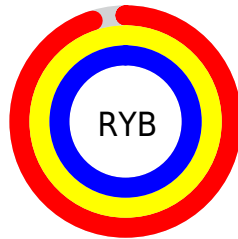
The Yxy color 97.0511, 0.3098, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.7077, 0.3158, 0.3204, and the grayscale version is 95.6869, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5450, 0.3091, 0.3390 is the 20% darker color. If you saturate the color by 10%, you get 91.8170, 0.3041, 0.3567, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

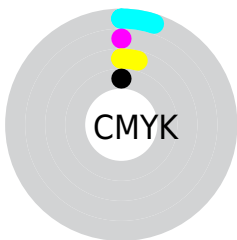
Distribution



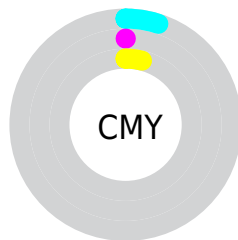
- Red (95%)
- Green (100%)
- Blue (96%)



- Red (95%)
- Yellow (99%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0511, 0.3098, 0.3378 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 97.0511, 0.3098, 0.3378 by changing the saturation by 10% instead.

 97.0511, 0.3098,
0.3378

 97.0511, 0.3098,
0.3378

550.7107, 0.3111,
0.3339

 73.8433, 0.3095,
0.3386

157.0953, 0.3102,
0.3365

 54.6658, 0.3092,
0.3397


194.7004, 0.3104,
0.3360

 39.1342, 0.3087,
0.3410


237.8734, 0.3106,
0.3355

 26.8641, 0.3082,
0.3426

286.9987, 0.3107,
0.3351

 17.4712, 0.3075,
0.3447

342.4607, 0.3108,
0.3348

 10.5710, 0.3065,
0.3477

404.6438, 0.3109,

 5.7792, 0.3050,

0.3344

0.3520

473.9323, 0.3110,
0.3342

■ 2.7113, 0.3027,
0.3588

■ 0.9829, 0.2983,
0.3721

■ 97.0511, 0.3098,
0.3378

■ 97.0511, 0.3098,
0.3378

■ 91.8170, 0.3041,
0.3567

100.0000, 0.3127,
0.3290

■ 87.2894, 0.2986,
0.3778

■ 83.4337, 0.2935,
0.4011

■ 80.2169, 0.2890,
0.4263

■ 77.6033, 0.2856,
0.4528

■ 75.5533, 0.2836,
0.4798

■ 74.0229, 0.2831,
0.5060

■ 72.9607, 0.2844,
0.5302

■ 72.3042, 0.2873,
0.5513

Harmonies

Analogous

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



97.0511, 0.3170, 0.3410



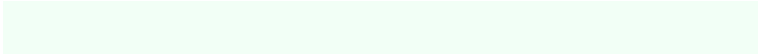
97.0511, 0.3098, 0.3378



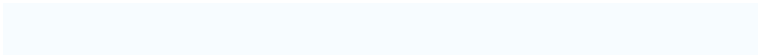
97.0511, 0.3035, 0.3321

Triad

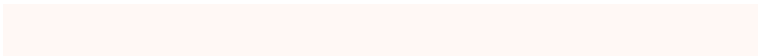
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.0511, 0.3098, 0.3378



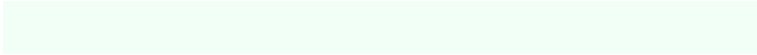
97.0511, 0.3024, 0.3172



97.0511, 0.3260, 0.3321

Complementary

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



97.0511, 0.3098, 0.3378



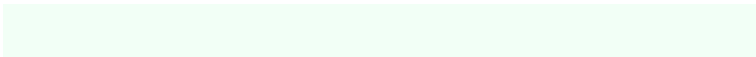
91.7077, 0.3158, 0.3204

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.



97.0511, 0.3220, 0.3259



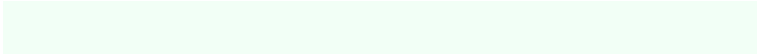
97.0511, 0.3098, 0.3378



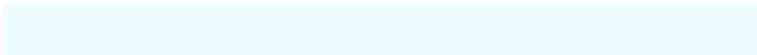
97.0511, 0.3084, 0.3173

Square

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



97.0511, 0.3098, 0.3378



97.0511, 0.2992, 0.3202



97.0511, 0.3155, 0.3205



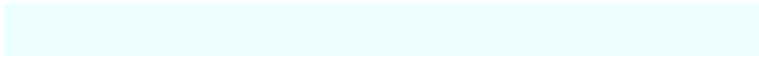
97.0511, 0.3264, 0.3376

Rectangle

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



97.0511, 0.3098, 0.3378



97.0511, 0.3005, 0.3278



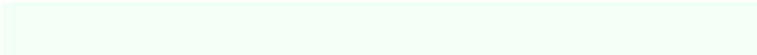
97.0511, 0.3155, 0.3205



97.0511, 0.3251, 0.3300

Sweetspot

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



97.0469, 0.3098, 0.3378



98.8212, 0.3116, 0.3324



98.4551, 0.3178, 0.3416



21.1642, 0.3116, 0.3322



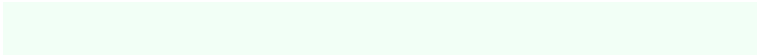
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.0469, 0.3098, 0.3378



96.5523, 0.3093, 0.3394



97.4451, 0.3062, 0.3315



20.5892, 0.3089, 0.3406



37.6914, 0.2882, 0.5573



3.6885, 0.2819, 0.5349

Inverse Universe

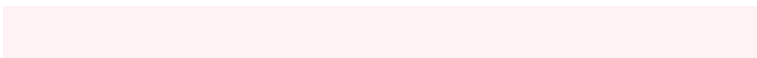
The Inverse Universe completely reimagines the original color for something new.



91.7077, 0.3158, 0.3204



90.3211, 0.3163, 0.3188



91.3126, 0.3197, 0.3265



19.1169, 0.3167, 0.3177



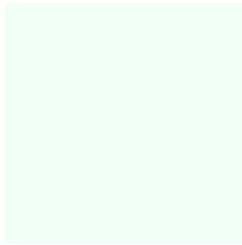
12.7689, 0.4190, 0.2082



1.2629, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 97.0511, 0.3098, 0.3378 looks on a white background.

Color Contrast Check

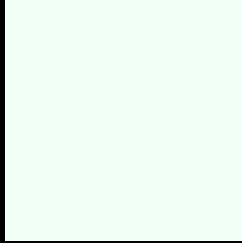
Large Text (above 18pt) WCAG AA × Fail

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 97.0511, 0.3098, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

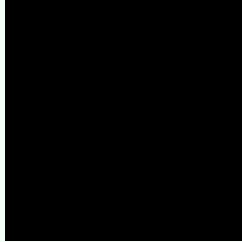
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0511, 0.3098, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 97.0511, 0.3098, 0.3378.

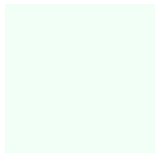


This preview shows how white text looks on a background with the Yxy color 97.0511, 0.3098, 0.3378.

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

97.0511, 0.3098, 0.3378



Protanopia

96.9698, 0.3176, 0.3329

Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

97.0511, 0.3098, 0.3378

Protanomaly

96.6602, 0.3144, 0.3338

Deuteranomaly

96.7844, 0.3132, 0.3319

Tritanomaly

96.6055, 0.3102, 0.3290

Monochromacy



Original Color

97.0511, 0.3098, 0.3378

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.2345, 0.3113, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0511, 0.3098, 0.3378 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(242, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 246)  
}
```

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(242, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 97.0511, 0.3098, 0.3378 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(242, 255, 246) }
```

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

```
.border{ border-color:rgb(242, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0511, 0.3098, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 246) }
```

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

```
.background{ background-color: rgb(242,  
255, 246) }
```

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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