

Converting Colors

$Y_{xy}(100.0000, 0.3107, 0.3384)$

Have a look what the booklet for
Yxy(100.0000, 0.3107, 0.3384)
contains.

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Color

Yxy(97.9524, 0.3106, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFF9
RGB	246, 255, 249
RGB Percent	96%, 100%, 98%
CMY	0.0352, 0.0000, 0.0235
CMYK	0.04, 0.00, 0.02, 0.00
HSL	140°, 100%, 98%
HSV	140°, 4%, 100%
XYZ	90.8722, 97.9524, 103.7453
YIQ	251.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

Format	Color
R _Y B	246, 253, 255
Decimal	16187385
CIE Lab	99.20, -3.99, 1.82
CIE LCh	99, 4.390, 155.479
Yxy	97.9524, 0.3106, 0.3348
Android (android.graphics.Color)	4294377465 (0xFF6FFF9)
YUV	251.6250, -1.2941, -4.9331
Hunter-Lab	98.9709, -9.3056, 7.1295

Details

The Yxy color 97.9524, 0.3106, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2166, 0.3149, 0.3233, and the grayscale version is 97.0355, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.1856, 0.3101, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 92.6422, 0.3046, 0.3527, and if you desaturate by 10%, it is 99.9989, 0.3127, 0.3290.

Distribution



- Red (96%)
- Green (100%)
- Blue (98%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.9524, 0.3106, 0.3348 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 97.9524, 0.3106, 0.3348 by changing the saturation by 10% instead.


 97.9524, 0.3106,
0.3348

 97.9524, 0.3106,
0.3348

553.5742, 0.3115,
0.3323

 74.5947, 0.3104,
0.3354


158.3372, 0.3109,
0.3339

 55.2809, 0.3101,
0.3360


196.1331, 0.3110,
0.3336

 39.6267, 0.3098,
0.3369

239.5105, 0.3112,
0.3333

 27.2476, 0.3094,
0.3379

288.8539, 0.3112,
0.3330

 17.7593, 0.3089,
0.3393

344.5475, 0.3113,
0.3328

 10.7773, 0.3082,
0.3412

406.9759, 0.3114,

 5.9173, 0.3072,

0.3326

0.3439

476.5233, 0.3115,
0.3324

■ 2.7948, 0.3056,
0.3483

■ 1.0256, 0.3026,
0.3563

■ 97.9524, 0.3106,
0.3348

■ 97.9524, 0.3106,
0.3348

■ 92.6422, 0.3046,
0.3527

99.9989, 0.3127,
0.3290

■ 88.0288, 0.2987,
0.3728

■ 84.0866, 0.2933,
0.3951

■ 80.7832, 0.2885,
0.4192

■ 78.0838, 0.2847,
0.4447

■ 75.9498, 0.2823,
0.4709

■ 74.3384, 0.2815,
0.4967

■ 73.1999, 0.2825,
0.5210

■ 72.4745, 0.2852,
0.5426

Harmonies

Analogous

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



97.9524, 0.3154, 0.3370



97.9524, 0.3106, 0.3348



97.9524, 0.3064, 0.3310

Triad

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



97.9524, 0.3106, 0.3348



97.9524, 0.3059, 0.3210



97.9524, 0.3217, 0.3313

Complementary

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



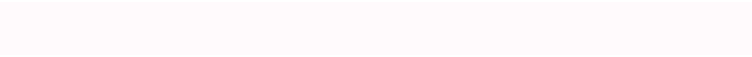
97.9524, 0.3106, 0.3348



94.2166, 0.3149, 0.3233

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.



97.9524, 0.3191, 0.3270



97.9524, 0.3106, 0.3348



97.9524, 0.3100, 0.3211

Square

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



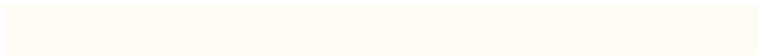
97.9524, 0.3106, 0.3348



97.9524, 0.3036, 0.3230



97.9524, 0.3148, 0.3233



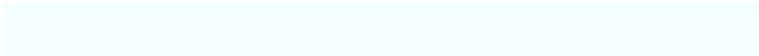
97.9524, 0.3219, 0.3350

Rectangle

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



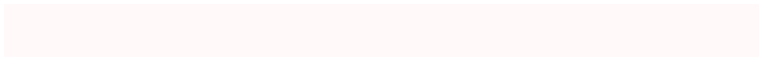
97.9524, 0.3106, 0.3348



97.9524, 0.3044, 0.3281



97.9524, 0.3148, 0.3233



97.9524, 0.3211, 0.3299

Sweetspot

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



97.9566, 0.3106, 0.3348



99.4104, 0.3121, 0.3306



98.8991, 0.3161, 0.3376



21.2841, 0.3121, 0.3305



0.0000, 0.0000, 0.0000



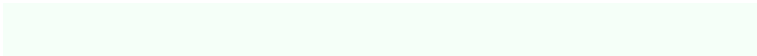
21.4041, 0.3127, 0.3290

Same Dimension

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



97.9566, 0.3106, 0.3348



97.6857, 0.3103, 0.3356



98.2309, 0.3081, 0.3306



20.8184, 0.3099, 0.3369



37.7360, 0.2866, 0.5519



3.6935, 0.2804, 0.5293

Inverse Universe

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



94.2166, 0.3149, 0.3233



93.4474, 0.3152, 0.3225



93.9442, 0.3175, 0.3274



19.7461, 0.3157, 0.3212



12.6589, 0.4273, 0.2128



1.2528, 0.4120, 0.2043

Previews

White Background



This preview shows how the Yxy color 97.9524, 0.3106, 0.3348 looks on a white background.

Color Contrast Check

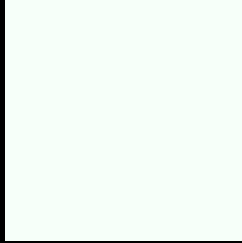
Large Text (above 18pt) WCAG AA × Fail

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 97.9524, 0.3106, 0.3348 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 97.9524, 0.3106, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 97.9524, 0.3106, 0.3348.



This preview shows how white text looks on a background with the Yxy color 97.9524, 0.3106, 0.3348.

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

A vertical rectangular area divided into three colored sections: a light green top section, a light orange middle section, and a light yellow bottom section. Each section contains text describing color simulation data.

Original Color

97.9524, 0.3106, 0.3348

Protanopia

97.7829, 0.3158, 0.3309

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.9524, 0.3106, 0.3348

Protanomaly

97.8481, 0.3138, 0.3319

Deuteranomaly

97.9110, 0.3133, 0.3309

Tritanomaly

97.6664, 0.3108, 0.3290

Monochromacy



Original Color

97.9524, 0.3106, 0.3348



Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.5396, 0.3120, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.9524, 0.3106, 0.3348 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, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 249)  
}
```

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, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 97.9524, 0.3106, 0.3348 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, 255, 249) }
```

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

```
.border{ border-color:rgb(246, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 97.9524, 0.3106, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 249) }
```

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

```
.background{ background-color: rgb(246,  
255, 249) }
```

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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