

Converting Colors

$Yxy(97.4360, 0.3161, 0.3367)$

Have a look what the booklet for
Yxy(97.4360, 0.3161, 0.3367)
contains.

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Color

Yxy(97.3524, 0.3161, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FBFDF5
RGB	251, 253, 245
RGB Percent	98%, 99%, 96%
CMY	0.0157, 0.0078, 0.0391
CMYK	0.01, 0.00, 0.03, 0.01
HSL	75°, 67%, 98%
HSV	75°, 3%, 99%
XYZ	91.3962, 97.3524, 100.3883
YIQ	251.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

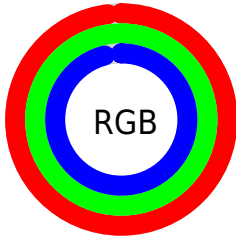
Format	Color
R _Y B	245, 253, 247
Decimal	16514549
CIE Lab	98.97, -2.03, 3.56
CIE LCh	99, 4.101, 119.722
Yxy	97.3524, 0.3161, 0.3367
Android (android.graphics.Color)	4294704629 (0xFFFBDF5)
YUV	251.4900, -3.1996, -0.4297
Hunter-Lab	98.6673, -7.3221, 8.7430

Details

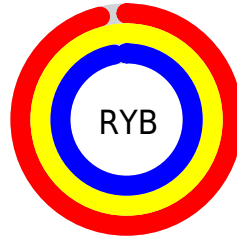
The Yxy color 97.3524, 0.3161, 0.3367 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.1991, 0.3093, 0.3212, and the grayscale version is 96.9295, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7561, 0.3171, 0.3376 is the 20% darker color. If you saturate the color by 10%, you get 94.7582, 0.3270, 0.3622, and if you desaturate by 10%, it is 98.7312, 0.3128, 0.3271.

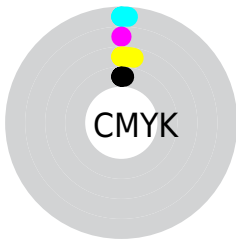
Distribution



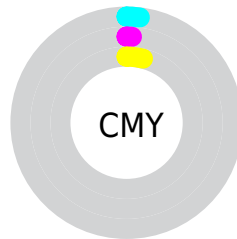
- Red (98%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (2%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.3524, 0.3161, 0.3367 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 97.3524, 0.3161, 0.3367 by changing the saturation by 10% instead.


 97.3524, 0.3161,
0.3367

 97.3524, 0.3161,
0.3367

551.6688, 0.3146,
0.3333

 74.0944, 0.3164,
0.3374

157.5106, 0.3156,
0.3356

 54.8713, 0.3168,
0.3383

195.1795, 0.3154,
0.3351

 39.2987, 0.3173,
0.3394


238.4210, 0.3152,
0.3347

 26.9922, 0.3179,
0.3408

287.6193, 0.3151,
0.3344

 17.5674, 0.3187,
0.3427

343.1588, 0.3149,
0.3341

 10.6398, 0.3197,
0.3452

405.4240, 0.3148,

 5.8252, 0.3213,

0.3338

0.3489

474.7992, 0.3147,
0.3335

■ 2.7391, 0.3236,
0.3547

■ 0.9971, 0.3286,
0.3660

■ 97.3524, 0.3161,
0.3367

■ 97.3524, 0.3161,
0.3367

■ 94.7582, 0.3270,
0.3622

98.7312, 0.3128,
0.3271

■ 92.4015, 0.3379,
0.3889

■ 90.2771, 0.3484,
0.4162

■ 88.3749, 0.3581,
0.4432

■ 86.6837, 0.3664,
0.4688

■ 85.1915, 0.3727,
0.4919

■ 83.8846, 0.3767,
0.5112

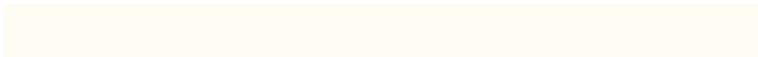
■ 82.7475, 0.3780,
0.5261

■ 81.7611, 0.3768,
0.5360

Harmonies

Analogous

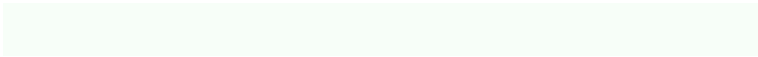
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3524, 0.3197, 0.3363



97.3524, 0.3161, 0.3367



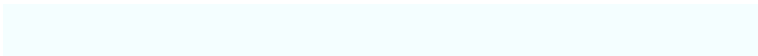
97.3524, 0.3116, 0.3350

Triad

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



97.3524, 0.3161, 0.3367



97.3524, 0.3041, 0.3240



97.3524, 0.3180, 0.3264

Complementary

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



97.3524, 0.3161, 0.3367



92.1991, 0.3093, 0.3212

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.



97.3524, 0.3138, 0.3232



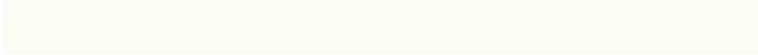
97.3524, 0.3161, 0.3367



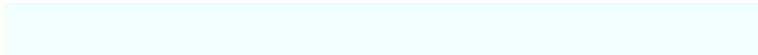
97.3524, 0.3058, 0.3217

Square

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



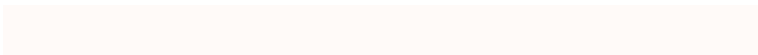
97.3524, 0.3161, 0.3367



97.3524, 0.3047, 0.3276



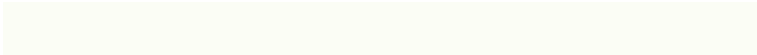
97.3524, 0.3093, 0.3215



97.3524, 0.3208, 0.3304

Rectangle

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



97.3524, 0.3161, 0.3367



97.3524, 0.3087, 0.3329



97.3524, 0.3093, 0.3215



97.3524, 0.3167, 0.3252

Sweetspot

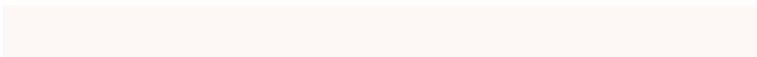
The Sweet Spot groups the original color and five complimentary colors.



97.3566, 0.3161, 0.3367



99.7159, 0.3138, 0.3314



94.0165, 0.3177, 0.3309



21.3463, 0.3137, 0.3313



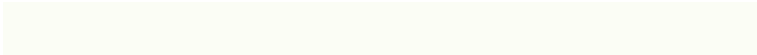
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

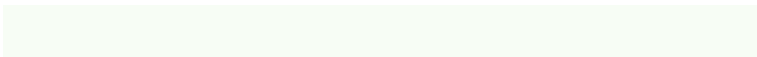
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3566, 0.3161, 0.3367



98.8792, 0.3170, 0.3388



96.6254, 0.3136, 0.3368



21.1201, 0.3178, 0.3407



43.2428, 0.3756, 0.5400



4.2619, 0.3808, 0.5359

Inverse Universe

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



92.1991, 0.3093, 0.3212



92.2424, 0.3083, 0.3191



92.9304, 0.3118, 0.3213



19.4409, 0.3074, 0.3172



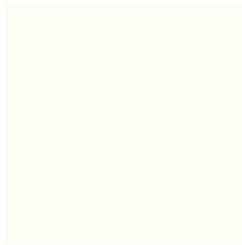
4.3982, 0.1644, 0.0679



0.4772, 0.1753, 0.0739

Previews

White Background



This preview shows how the Yxy color 97.3524, 0.3161, 0.3367 looks on a white background.

Color Contrast Check

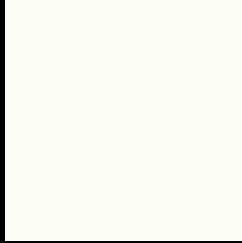
Large Text (above 18pt) WCAG AA × Fail

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 97.3524, 0.3161, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

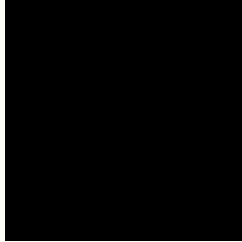
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3524, 0.3161, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 97.3524, 0.3161, 0.3367.



This preview shows how white text looks on a background with the Yxy color 97.3524, 0.3161, 0.3367.

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

97.3524, 0.3161, 0.3367

Protanopia

97.0317, 0.3170, 0.3319

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy

Original Color

97.3524, 0.3161, 0.3367

Protanomaly

97.4070, 0.3169, 0.3338

Deuteranomaly

97.5312, 0.3157, 0.3319

Tritanomaly

97.2813, 0.3133, 0.3300

Monochromacy

Original Color

97.3524, 0.3161, 0.3367

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.9696, 0.3138, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3524, 0.3161, 0.3367 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(251, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 245)  
}
```

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(251, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 245) }
```

Border

The CSS property to change the border of an element to Yxy 97.3524, 0.3161, 0.3367 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(251, 253, 245) }
```

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

```
.border{ border-color:rgb(251, 253, 245) }
```

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

Here you see how a box with a 4 pixel rgb(251, 253, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3524, 0.3161, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 245) }
```

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

```
.background{ background-color: rgb(251,  
253, 245) }
```

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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