

Converting Colors

$Yxy(97.7043, 0.3174, 0.3367)$

Have a look what the booklet for
Yxy(97.7043, 0.3174, 0.3367)
contains.

Yxy(97.7258, 0.3174, 0.3367)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(97.7258, 0.3174, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FDFDF5
RGB	253, 253, 245
RGB Percent	99%, 99%, 96%
CMY	0.0077, 0.0079, 0.0392
CMYK	0.00, 0.00, 0.03, 0.01
HSL	60°, 67%, 98%
HSV	60°, 3%, 99%
XYZ	92.1241, 97.7258, 100.3961
YIQ	252.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

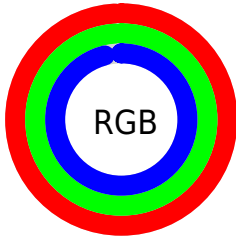
Format	Color
R _Y B	245, 253, 245
Decimal	16645621
CIE Lab	99.11, -1.36, 3.81
CIE LCh	99, 4.045, 109.638
Yxy	97.7258, 0.3174, 0.3367
Android (android.graphics.Color)	4294835701 (0xFFFFDFDF5)
YUV	252.0880, -3.4944, 0.7998
Hunter-Lab	98.8564, -6.6548, 8.9860

Details

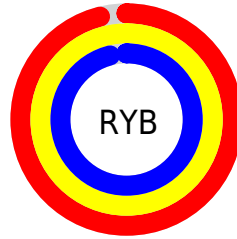
The Yxy color 97.7258, 0.3174, 0.3367 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.8385, 0.3080, 0.3212, and the grayscale version is 97.4574, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8897, 0.3179, 0.3376 is the 20% darker color. If you saturate the color by 10%, you get 96.2118, 0.3325, 0.3616, and if you desaturate by 10%, it is 98.4341, 0.3116, 0.3272.

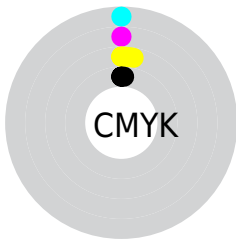
Distribution



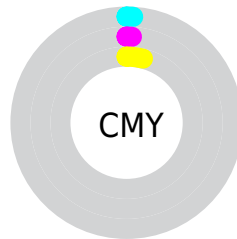
- Red (99%)
- Green (99%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.7258, 0.3174, 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 97.7258, 0.3174, 0.3367 by changing the saturation by 10% instead.

 97.7258, 0.3174,
0.3367

 97.7258, 0.3174,
0.3367

552.8550, 0.3154,
0.3333

 74.4057, 0.3178,
0.3374


158.0251, 0.3167,
0.3356

 55.1262, 0.3184,
0.3383


195.7731, 0.3164,
0.3351

 39.5028, 0.3190,
0.3394


239.0992, 0.3162,
0.3347

 27.1511, 0.3199,
0.3408

288.3878, 0.3160,
0.3344

 17.6867, 0.3210,
0.3427

344.0233, 0.3158,
0.3341

 10.7253, 0.3225,
0.3451

406.3900, 0.3156,

 5.8824, 0.3246,

0.3338

0.3488

475.8725, 0.3155,
0.3335

■ 2.7737, 0.3279,
0.3545

■ 1.0148, 0.3346,
0.3656

■ 97.7258, 0.3174,
0.3367

■ 97.7258, 0.3174,
0.3367

■ 96.2118, 0.3325,
0.3616

■ 98.4341, 0.3116,
0.3272

■ 94.8964, 0.3479,
0.3868

■ 98.5111, 0.3116,
0.3273

■ 93.7747, 0.3630,
0.4117

■ 98.5882, 0.3116,
0.3274

■ 92.8371, 0.3774,
0.4352

■ 98.6653, 0.3116,
0.3276

■ 92.0728, 0.3904,
0.4564

■ 98.7424, 0.3116,
0.3277

■ 91.4701, 0.4014,
0.4743

■ 98.8196, 0.3116,
0.3278

■ 91.0158, 0.4099,
0.4882

■ 98.8968, 0.3115,
0.3279

■ 90.6947, 0.4158,
0.4977

■ 98.9741, 0.3115,
0.3280

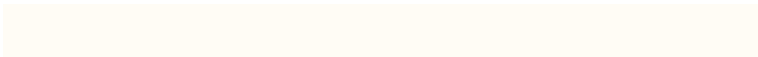
■ 90.4882, 0.4191,
0.5029

■ 99.0515, 0.3115,
0.3281

Harmonies

Analogous

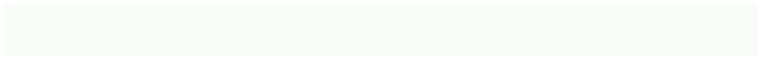
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.7258, 0.3204, 0.3356



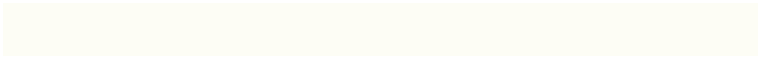
97.7258, 0.3174, 0.3367



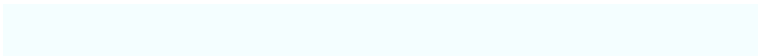
97.7258, 0.3131, 0.3357

Triad

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



97.7258, 0.3174, 0.3367



97.7258, 0.3041, 0.3251



97.7258, 0.3167, 0.3253

Complementary

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



97.7258, 0.3174, 0.3367



91.8385, 0.3080, 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.



97.7258, 0.3123, 0.3225



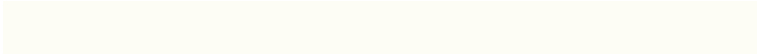
97.7258, 0.3174, 0.3367



97.7258, 0.3051, 0.3224

Square

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



97.7258, 0.3174, 0.3367



97.7258, 0.3055, 0.3289



97.7258, 0.3080, 0.3214



97.7258, 0.3200, 0.3290

Rectangle

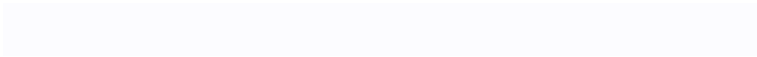
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.7258, 0.3174, 0.3367



97.7258, 0.3102, 0.3339



97.7258, 0.3080, 0.3214



97.7258, 0.3153, 0.3242

Sweetspot

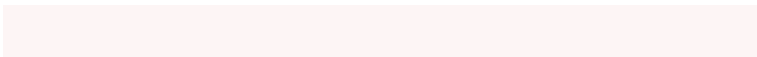
The Sweet Spot groups the original color and five complimentary colors.



97.7300, 0.3174, 0.3367



99.8290, 0.3142, 0.3314



92.7979, 0.3178, 0.3289



21.3693, 0.3141, 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.



97.7300, 0.3174, 0.3367



99.3290, 0.3186, 0.3387



97.0333, 0.3149, 0.3368



21.2343, 0.3198, 0.3406



48.0785, 0.4202, 0.5046



4.6859, 0.4201, 0.5047

Inverse Universe

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



91.8385, 0.3080, 0.3212



91.8101, 0.3067, 0.3191



92.5205, 0.3104, 0.3212



19.3320, 0.3055, 0.3172



3.7926, 0.1501, 0.0603



0.3740, 0.1503, 0.0610

Previews

White Background



This preview shows how the Yxy color 97.7258, 0.3174, 0.3367 looks on a white background.

Color Contrast Check

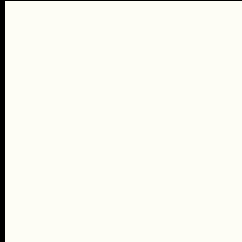
Large Text (above 18pt) WCAG AA × Fail

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 97.7258, 0.3174, 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 97.7258, 0.3174, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 97.7258, 0.3174, 0.3367.



This preview shows how white text looks on a background with the Yxy color 97.7258, 0.3174, 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

97.7258, 0.3174, 0.3367

Protanopia

97.7204, 0.3164, 0.3319

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy

Original Color

97.7258, 0.3174, 0.3367

Protanomaly

97.4689, 0.3163, 0.3328

Deuteranomaly

97.5312, 0.3157, 0.3319

Tritanomaly

97.4685, 0.3139, 0.3300

Monochromacy

Original Color

97.7258, 0.3174, 0.3367

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.1558, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7258, 0.3174, 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(253, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 253, 245) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 97.7258, 0.3174, 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(253, 253, 245) }
```

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

```
.border{ border-color:rgb(253, 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(253, 253, 245) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 97.7258, 0.3174, 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(253, 253, 245) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor