

Converting Colors

Yxy(97.1488, 0.3237, 0.3471)

Have a look what the booklet for
Yxy(97.1488, 0.3237, 0.3471)
contains.

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Color

Yxy(97.0737, 0.3239, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	FD FDEA
RGB	253, 253, 234
RGB Percent	99%, 99%, 92%
CMY	0.0079, 0.0078, 0.0824
CMYK	0.00, 0.00, 0.08, 0.01
HSL	60°, 83%, 95%
HSV	60°, 8%, 99%
XYZ	90.4811, 97.0737, 91.7940
YIQ	250.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

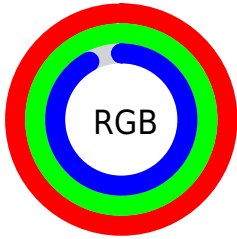
Format	Color
RYB	234, 253, 234
Decimal	16645610
CIELab	98.86, -3.21, 9.09
CIELCh	99, 9.645, 109.457
Yxy	97.0737, 0.3239, 0.3475
Android (android.graphics.Color)	4294835690 (0xFFFFDFDEA)
YUV	250.8340, -8.2992, 1.8996
Hunter-Lab	98.5260, -8.4955, 13.7293

Details

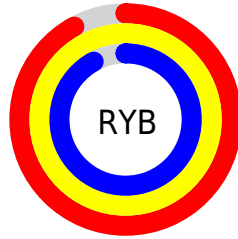
The Yxy color 97.0737, 0.3239, 0.3475 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.4181, 0.3011, 0.3098, and the grayscale version is 96.3922, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4300, 0.3262, 0.3513 is the 20% darker color. If you saturate the color by 10%, you get 95.7232, 0.3391, 0.3727, and if you desaturate by 10%, it is 98.3615, 0.3116, 0.3271.

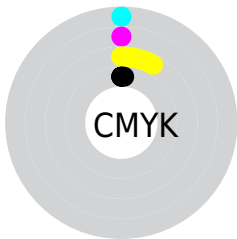
Distribution



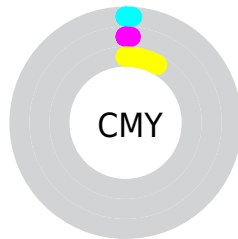
- Red (99%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0737, 0.3239, 0.3475 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 97.0737, 0.3239, 0.3475 by changing the saturation by 10% instead.


 97.0737, 0.3239,
0.3475

 97.0737, 0.3239,
0.3475

550.7826, 0.3190,
0.3393

 73.8621, 0.3250,
0.3493

157.1264, 0.3223,
0.3447

 54.6812, 0.3262,
0.3515


194.7363, 0.3216,
0.3436

 39.1465, 0.3278,
0.3541


237.9145, 0.3210,
0.3427

 26.8737, 0.3298,
0.3575

287.0453, 0.3205,
0.3418

 17.4784, 0.3324,
0.3620

342.5131, 0.3201,
0.3411

 10.5762, 0.3359,
0.3682

404.7023, 0.3197,

 5.7826, 0.3408,

0.3405

0.3771

473.9974, 0.3193,
0.3399

■ 2.7134, 0.3485,
0.3912

■ 0.9840, 0.3761,
0.4336

■ 97.0737, 0.3239,
0.3475

■ 97.0737, 0.3239,
0.3475

■ 95.7232, 0.3391,
0.3727

■ 98.3615, 0.3116,
0.3271

■ 94.5673, 0.3544,
0.3980


■ 98.3644, 0.3116,
0.3271


■ 93.6010, 0.3692,
0.4225

■ 98.3674, 0.3116,
0.3271

■ 92.8140, 0.3830,
0.4452


■ 98.3703, 0.3116,
0.3271

 92.1954, 0.3950,
0.4652


 98.3733, 0.3116,
0.3271

 91.7327, 0.4048,
0.4815


 98.3762, 0.3116,
0.3271


 91.4121, 0.4121,
0.4935

 98.3792, 0.3116,
0.3271

 91.2170, 0.4167,
0.5012

 98.3821, 0.3116,
0.3271

 91.1258, 0.4189,
0.5048

 98.3851, 0.3116,
0.3271

Harmonies

Analogous

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



97.0737, 0.3312, 0.3448



97.0737, 0.3239, 0.3475



97.0737, 0.3137, 0.3451

Triad

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



97.0737, 0.3239, 0.3475



97.0737, 0.2924, 0.3196



97.0737, 0.3220, 0.3201

Complementary

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



97.0737, 0.3239, 0.3475



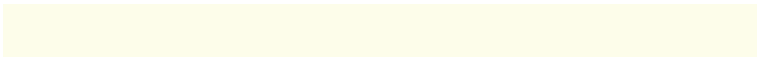
83.4181, 0.3011, 0.3098

Split Complementary

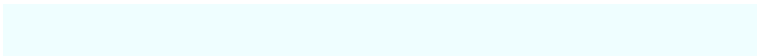
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0737, 0.3115, 0.3136



97.0737, 0.3239, 0.3475



97.0737, 0.2945, 0.3132

Square

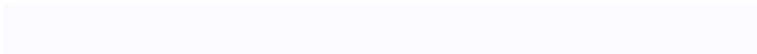
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97.0737, 0.3239, 0.3475



97.0737, 0.2956, 0.3288



97.0737, 0.3014, 0.3110



97.0737, 0.3301, 0.3289

Rectangle

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



97.0737, 0.3239, 0.3475



97.0737, 0.3066, 0.3409



97.0737, 0.3014, 0.3110



97.0737, 0.3186, 0.3176

Sweetspot

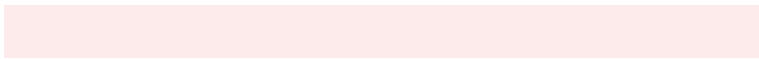
The Sweet Spot groups the original color and five complimentary colors.



97.0779, 0.3239, 0.3475



99.6753, 0.3157, 0.3339



85.6583, 0.3257, 0.3290



21.3380, 0.3155, 0.3336



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.



97.0779, 0.3239, 0.3475



98.6063, 0.3261, 0.3512



95.3386, 0.3178, 0.3478



21.0902, 0.3269, 0.3525



48.4641, 0.4192, 0.5053



4.7190, 0.4192, 0.5053

Inverse Universe

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



83.4181, 0.3011, 0.3098



82.1279, 0.2987, 0.3058



85.0698, 0.3073, 0.3102



17.3783, 0.2978, 0.3044



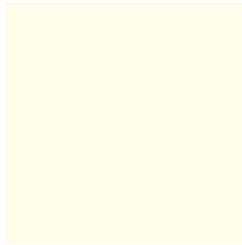
3.7734, 0.1500, 0.0600



0.3676, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 97.0737, 0.3239, 0.3475 looks on a white background.

Color Contrast Check

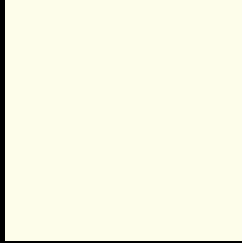
Large Text (above 18pt) WCAG AA × Fail

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 97.0737, 0.3239, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

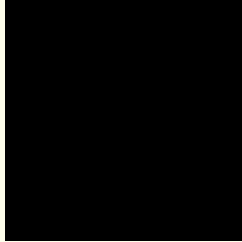
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0737, 0.3239, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 97.0737, 0.3239, 0.3475.



This preview shows how white text looks on a background with the Yxy color 97.0737, 0.3239, 0.3475.

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

The image shows three vertical bars of different colors: a yellow bar at the top, a light orange bar in the middle, and a light pink bar at the bottom. These bars represent the original color and its simulation for different types of dichromacy.

Original Color

97.0737, 0.3239, 0.3475

Protanopia

96.8469, 0.3188, 0.3348

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.0737, 0.3239, 0.3475

Protanomaly

97.0425, 0.3204, 0.3396

Deuteranomaly

97.2233, 0.3187, 0.3367

Tritanomaly

97.2189, 0.3163, 0.3338

Monochromacy



Original Color

97.0737, 0.3239, 0.3475



Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.9088, 0.3168, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0737, 0.3239, 0.3475 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 234) }
```

Border

The CSS property to change the border of an element to Yxy 97.0737, 0.3239, 0.3475 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, 234) }
```

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

```
.border{ border-color:rgb(253, 253, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0737, 0.3239, 0.3475 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, 234) }
```

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

```
.background{ background-color: rgb(253,  
253, 234) }
```

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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