

Converting Colors

$Y_{xy}(100.0000, 0.3174, 0.3401)$

Have a look what the booklet for
Yxy(100.0000, 0.3174, 0.3401)
contains.

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Color

Yxy(98.9952, 0.3173, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFF5</code>
RGB	253, 255, 245
RGB Percent	99%, 100%, 96%
CMY	0.0076, 0.0001, 0.0392
CMYK	0.01, 0.00, 0.04, 0.00
HSL	72°, 100%, 98%
HSV	72°, 4%, 100%
XYZ	92.7678, 98.9952, 100.6032
YIQ	253.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

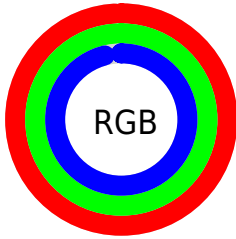
Format	Color
R_{YB}	245, 255, 247
Decimal	16646133
CIE _{Lab}	99.61, -2.35, 4.53
CIE _{LCh}	100, 5.104, 117.397
Yxy	98.9952, 0.3173, 0.3386
Android (android.graphics.Color)	4294836213 (0xFFFFDFFF5)
YUV	253.2620, -4.0732, -0.2298
Hunter-Lab	99.4963, -7.6898, 9.6978

Details

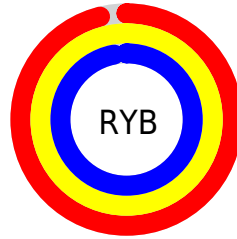
The Yxy color 98.9952, 0.3173, 0.3386 is a light color, and the websafe version is hex FFFFFFF, and the color name is [milk](#). A complement of this color would be 92.2826, 0.3080, 0.3193, and the grayscale version is 98.5014, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.7981, 0.3177, 0.3400 is the 20% darker color. If you saturate the color by 10%, you get 96.6411, 0.3292, 0.3641, and if you desaturate by 10%, it is 99.9911, 0.3127, 0.3290.

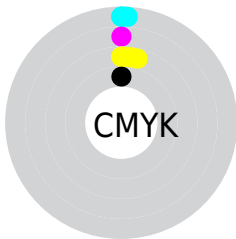
Distribution



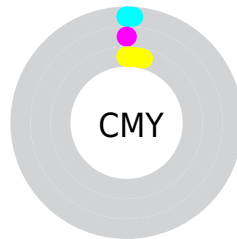
- Red (99%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.9952, 0.3173, 0.3386 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 98.9952, 0.3173, 0.3386 by changing the saturation by 10% instead.

 98.9952, 0.3173,
0.3386

 98.9952, 0.3173,
0.3386


556.8777, 0.3153,
0.3344

 75.4646, 0.3177,
0.3395


159.7728, 0.3166,
0.3372

 55.9936, 0.3182,
0.3406

197.7886, 0.3164,
0.3366

 40.1978, 0.3189,
0.3420


241.4015, 0.3161,
0.3361

 27.6928, 0.3197,
0.3437

290.9960, 0.3159,
0.3357

 18.0942, 0.3207,
0.3460

346.9565, 0.3157,
0.3353

 11.0176, 0.3222,
0.3491

409.6673, 0.3156,

 6.0787, 0.3242,

0.3350

479.5129, 0.3154,
0.3347

0.3536

■ 2.8930, 0.3273,
0.3607

■ 1.0761, 0.3333,
0.3741

■ 98.9952, 0.3173,
0.3386

■ 98.9952, 0.3173,
0.3386

■ 96.6411, 0.3292,
0.3641

99.9911, 0.3127,
0.3290

■ 94.5121, 0.3411,
0.3905

■ 92.6028, 0.3527,
0.4173

■ 90.9031, 0.3633,
0.4434

■ 89.4018, 0.3725,
0.4679

■ 88.0867, 0.3798,
0.4895

■ 86.9442, 0.3846,
0.5073

■ 85.9581, 0.3867,
0.5205

■ 85.1092, 0.3863,
0.5290

Harmonies

Analogous

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



98.9952, 0.3216, 0.3379



98.9952, 0.3173, 0.3386



98.9952, 0.3118, 0.3366

Triad

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



98.9952, 0.3173, 0.3386



98.9952, 0.3020, 0.3230



98.9952, 0.3189, 0.3255

Complementary

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



98.9952, 0.3173, 0.3386



92.2826, 0.3080, 0.3193

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.



98.9952, 0.3136, 0.3216



98.9952, 0.3173, 0.3386



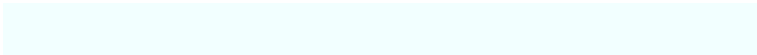
98.9952, 0.3039, 0.3201

Square

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



98.9952, 0.3173, 0.3386



98.9952, 0.3030, 0.3276



98.9952, 0.3081, 0.3196



98.9952, 0.3226, 0.3303

Rectangle

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



98.9952, 0.3173, 0.3386



98.9952, 0.3081, 0.3341



98.9952, 0.3081, 0.3196



98.9952, 0.3173, 0.3240

Sweetspot

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



98.9995, 0.3173, 0.3386



99.7442, 0.3139, 0.3314



94.2679, 0.3191, 0.3308



21.3521, 0.3138, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

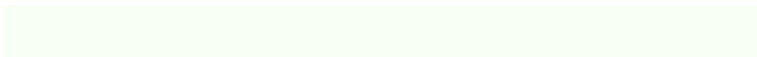
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.9995, 0.3173, 0.3386



98.7449, 0.3186, 0.3413



98.0897, 0.3142, 0.3387



21.0987, 0.3194, 0.3431



44.2960, 0.3857, 0.5319



4.3561, 0.3897, 0.5287

Inverse Universe

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



92.2826, 0.3080, 0.3193



90.2310, 0.3067, 0.3165



93.1864, 0.3111, 0.3194



19.0302, 0.3058, 0.3147



4.1602, 0.1590, 0.0650



0.4472, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 98.9952, 0.3173, 0.3386 looks on a white background.

Color Contrast Check

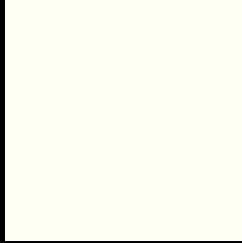
Large Text (above 18pt) WCAG AA × Fail

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 98.9952, 0.3173, 0.3386 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 98.9952, 0.3173, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 98.9952, 0.3173, 0.3386.



This preview shows how white text looks on a background with the Yxy color 98.9952, 0.3173, 0.3386.

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

98.9952, 0.3173, 0.3386

Protanopia

99.1719, 0.3145, 0.3309

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

98.9952, 0.3173, 0.3386

Protanomaly

98.7940, 0.3156, 0.3338

Deuteranomaly

98.9195, 0.3145, 0.3319

Tritanomaly

98.9195, 0.3145, 0.3319

Monochromacy

Original Color

98.9952, 0.3173, 0.3386

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6684, 0.3144, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.9952, 0.3173, 0.3386 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, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 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, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 98.9952, 0.3173, 0.3386 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, 255, 245) }
```

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

```
.border{ border-color:rgb(253, 255, 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, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 98.9952, 0.3173, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 245) }
```

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

```
.background{ background-color: rgb(253,  
255, 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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