

Converting Colors

$Y_{xy}(100.0000, 0.3349, 0.3482)$

Have a look what the booklet for
Yxy(100.0000, 0.3349, 0.3482)
contains.

Yxy(97.3938, 0.3258, 0.3484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(97.3938, 0.3258, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE9
RGB	255, 253, 233
RGB Percent	100%, 99%, 91%
CMY	0.0000, 0.0078, 0.0863
CMYK	0.00, 0.01, 0.09, 0.00
HSL	55°, 100%, 96%
HSV	55°, 9%, 100%
XYZ	91.0761, 97.3938, 91.0761
YIQ	251.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

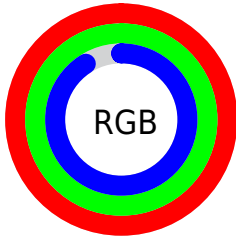
Format	Color
R_{YB}	235, 255, 233
Decimal	16776681
CIE Lab	98.98, -2.68, 9.81
CIE LCh	99, 10.165, 105.290
Yxy	97.3938, 0.3258, 0.3484
Android (android.graphics.Color)	4294966761 (0xFFFFFDE9)
YUV	251.3180, -9.0308, 3.2291
Hunter-Lab	98.6883, -7.9730, 14.3651

Details

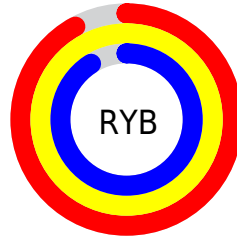
The Yxy color 97.3938, 0.3258, 0.3484 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.9470, 0.2993, 0.3088, and the grayscale version is 96.8182, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6599, 0.3286, 0.3525 is the 20% darker color. If you saturate the color by 10%, you get 94.5890, 0.3416, 0.3716, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

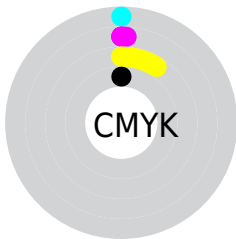
Distribution



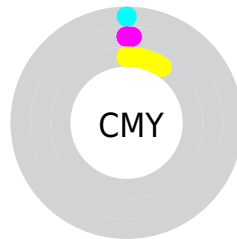
- Red (100%)
- Green (99%)
- Blue (91%)



- Red (92%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.3938, 0.3258, 0.3484 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 97.3938, 0.3258, 0.3484 by changing the saturation by 10% instead.


 97.3938, 0.3258,
0.3484

 97.3938, 0.3258,
0.3484


551.8004, 0.3201,
0.3398

 74.1289, 0.3270,
0.3503


157.5676, 0.3239,
0.3455

 54.8996, 0.3285,
0.3525


195.2454, 0.3231,
0.3444

 39.3213, 0.3304,
0.3553

238.4962, 0.3224,
0.3434

 27.0098, 0.3327,
0.3589

287.7045, 0.3219,
0.3425

 17.5806, 0.3357,
0.3635

343.2547, 0.3213,
0.3417

 10.6493, 0.3398,
0.3699

405.5311, 0.3209,

 5.8315, 0.3456,

0.3410

0.3792

474.9182, 0.3205,
0.3404

■ 2.7429, 0.3546,
0.3937

■ 0.9990, 0.3867,
0.4388

■ 97.3938, 0.3258,
0.3484

■ 97.3938, 0.3258,
0.3484

■ 94.5890, 0.3416,
0.3716

100.0000, 0.3127,
0.3290

■ 92.0028, 0.3578,
0.3949

■ 89.6261, 0.3739,
0.4176

■ 87.4485, 0.3894,
0.4387

■ 85.4584, 0.4035,
0.4573

■ 83.6432, 0.4156,
0.4723

■ 81.9883, 0.4251,
0.4831

■ 80.4764, 0.4319,
0.4894

■ 79.0829, 0.4360,
0.4915

Harmonies

Analogous

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



97.3938, 0.3329, 0.3448



97.3938, 0.3258, 0.3484



97.3938, 0.3153, 0.3467

Triad

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



97.3938, 0.3258, 0.3484



97.3938, 0.2914, 0.3203



97.3938, 0.3211, 0.3185

Complementary

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



97.3938, 0.3258, 0.3484



83.9470, 0.2993, 0.3088

Split Complementary

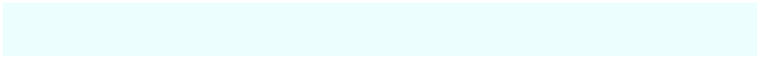
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3938, 0.3099, 0.3121



97.3938, 0.3258, 0.3484



97.3938, 0.2929, 0.3130

Square

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



97.3938, 0.3258, 0.3484



97.3938, 0.2956, 0.3302



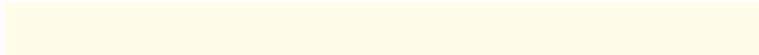
97.3938, 0.2996, 0.3101



97.3938, 0.3301, 0.3275

Rectangle

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



97.3938, 0.3258, 0.3484



97.3938, 0.3078, 0.3426



97.3938, 0.2996, 0.3101



97.3938, 0.3174, 0.3160

Sweetspot

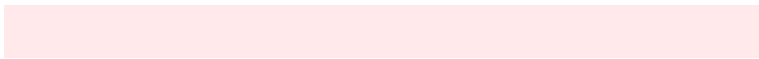
The Sweet Spot groups the original color and five complimentary colors.



97.3945, 0.3258, 0.3484



99.0750, 0.3172, 0.3357



85.5377, 0.3263, 0.3269



21.1540, 0.3184, 0.3375



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.



97.3945, 0.3258, 0.3484



96.9979, 0.3279, 0.3515



97.0301, 0.3200, 0.3507



20.7922, 0.3271, 0.3504



41.3418, 0.4362, 0.4918



4.1043, 0.4341, 0.4936

Inverse Universe

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



83.9470, 0.2993, 0.3088



81.5687, 0.2970, 0.3054



84.3290, 0.3050, 0.3072



17.6426, 0.2979, 0.3067



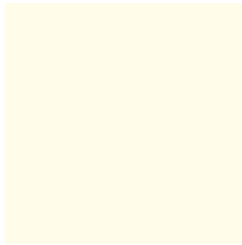
4.1845, 0.1516, 0.0658



0.4929, 0.1550, 0.0779

Previews

White Background



This preview shows how the Yxy color 97.3938, 0.3258, 0.3484 looks on a white background.

Color Contrast Check

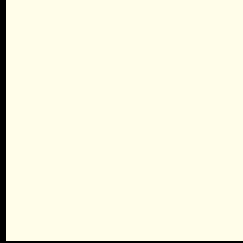
Large Text (above 18pt) WCAG AA × Fail

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 97.3938, 0.3258, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

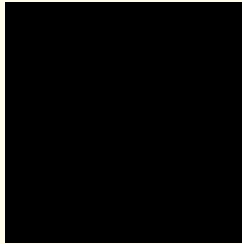
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3938, 0.3258, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 97.3938, 0.3258, 0.3484.



This preview shows how white text looks on a background with the Yxy color 97.3938, 0.3258, 0.3484.

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

97.3938, 0.3258, 0.3484



Protanopia

97.5346, 0.3181, 0.3348

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.3938, 0.3258, 0.3484

Protanomaly

97.2317, 0.3211, 0.3396

Deuteranomaly

97.4125, 0.3193, 0.3367

Tritanomaly

97.4070, 0.3169, 0.3338

Monochromacy



Original Color

97.3938, 0.3258, 0.3484



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.8479, 0.3174, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3938, 0.3258, 0.3484 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(255, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 233)  
}
```

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(255, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 233) }
```

Border

The CSS property to change the border of an element to Yxy 97.3938, 0.3258, 0.3484 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(255, 253, 233) }
```

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

```
.border{ border-color:rgb(255, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3938, 0.3258, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 233) }
```

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

```
.background{ background-color: rgb(255,  
253, 233) }
```

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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