

Converting Colors

$Y_{xy}(100.0000, 0.3391, 0.3797)$

Have a look what the booklet for
Yxy(100.0000, 0.3391, 0.3797)
contains.

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Color

Yxy(97.1449, 0.3399, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD0
RGB	254, 255, 208
RGB Percent	100%, 100%, 82%
CMY	0.0041, 0.0000, 0.1844
CMYK	0.00, 0.00, 0.18, 0.00
HSL	61°, 100%, 91%
HSV	61°, 18%, 100%
XYZ	88.0052, 97.1449, 73.7649
YIQ	249.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

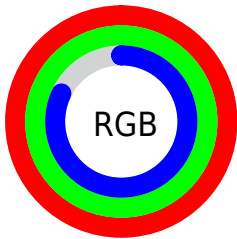
Format	Color
R _Y B	208, 255, 209
Decimal	16711632
CIE Lab	98.89, -7.86, 22.42
CIE LCh	99, 23.762, 109.320
Yxy	97.1449, 0.3399, 0.3752
Android (android.graphics.Color)	4294901712 (0xFFFEFFD0)
YUV	249.3430, -20.3821, 4.0842
Hunter-Lab	98.5621, -13.1027, 24.6202

Details

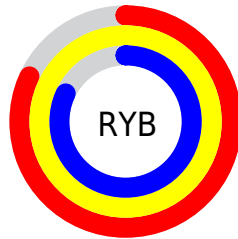
The Yxy color **97.1449, 0.3399, 0.3752** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.8718, 0.2828, 0.2785**, and the grayscale version is **95.1773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.5584, 0.3458, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **95.8754, 0.3548, 0.4006**, and if you desaturate by 10%, it is **98.6002, 0.3250, 0.3498**.

Distribution



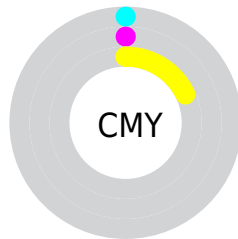
- Red (100%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1449, 0.3399, 0.3752 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 97.1449, 0.3399, 0.3752 by changing the saturation by 10% instead.

 97.1449, 0.3399,
0.3752

 97.1449, 0.3399,
0.3752


551.0091, 0.3282,
0.3547

 73.9215, 0.3424,
0.3797


157.2246, 0.3360,
0.3682

 54.7298, 0.3454,
0.3852


194.8496, 0.3344,
0.3655

 39.1854, 0.3490,
0.3919


238.0439, 0.3330,
0.3631

 26.9040, 0.3535,
0.4005

287.1919, 0.3318,
0.3610

 17.5011, 0.3592,
0.4117

342.6781, 0.3308,
0.3591

 10.5924, 0.3666,
0.4269

404.8867, 0.3298,

 5.7935, 0.3765,

0.3575

0.4486

474.2023, 0.3289,
0.3560

■ 2.7199, 0.3909,
0.4832

■ 0.9873, 0.4294,
0.5706

■ 97.1449, 0.3399,
0.3752

■ 97.1449, 0.3399,
0.3752

■ 95.8754, 0.3548,
0.4006

■ 98.6002, 0.3250,
0.3498

■ 94.8064, 0.3691,
0.4252

100.0000, 0.3127,
0.3290

■ 93.9196, 0.3823,
0.4481

■ 93.2033, 0.3938,
0.4681

■ 92.6451, 0.4030,
0.4845

■ 92.2304, 0.4097,
0.4966

■ 91.9420, 0.4137,
0.5043

■ 91.7562, 0.4153,
0.5079

■ 91.7314, 0.4154,
0.5083

Harmonies

Analogous

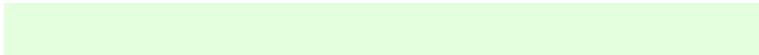
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.1449, 0.3584, 0.3672



97.1449, 0.3399, 0.3752



97.1449, 0.3146, 0.3699

Triad

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



97.1449, 0.3399, 0.3752



97.1449, 0.2636, 0.3051



97.1449, 0.3353, 0.3073

Complementary

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



97.1449, 0.3399, 0.3752



65.8718, 0.2828, 0.2785

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.



97.1449, 0.3091, 0.2922



97.1449, 0.3399, 0.3752



97.1449, 0.2685, 0.2902

Square

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



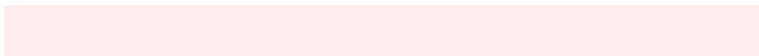
97.1449, 0.3399, 0.3752



97.1449, 0.2711, 0.3278



97.1449, 0.2848, 0.2858



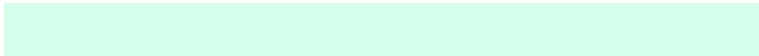
97.1449, 0.3559, 0.3279

Rectangle

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



97.1449, 0.3399, 0.3752



97.1449, 0.2974, 0.3591



97.1449, 0.2848, 0.2858



97.1449, 0.3268, 0.3014

Sweetspot

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



97.1368, 0.3399, 0.3752



98.9897, 0.3214, 0.3437



71.2917, 0.3487, 0.3299



21.1653, 0.3224, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

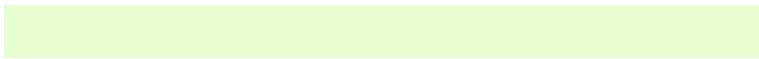
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.1368, 0.3399, 0.3752



96.6655, 0.3452, 0.3843



93.0115, 0.3247, 0.3775



21.0692, 0.3266, 0.3525



47.9409, 0.4155, 0.5083



4.6741, 0.4160, 0.5079

Inverse Universe

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



65.8718, 0.2828, 0.2785



60.3187, 0.2762, 0.2674



69.5167, 0.2987, 0.2808



17.3968, 0.2982, 0.3044



3.7998, 0.1507, 0.0604



0.3764, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 97.1449, 0.3399, 0.3752 looks on a white background.

Color Contrast Check

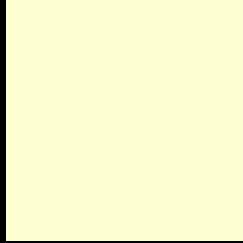
Large Text (above 18pt) WCAG AA × Fail

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 97.1449, 0.3399, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

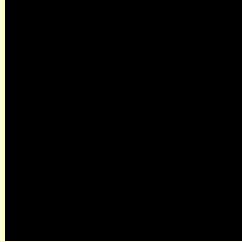
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1449, 0.3399, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 97.1449, 0.3399, 0.3752.



This preview shows how white text looks on a background with the Yxy color 97.1449, 0.3399, 0.3752.

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

97.1449, 0.3399, 0.3752



Protanopia

97.3519, 0.3199, 0.3377

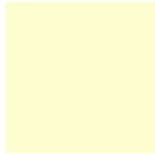
Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



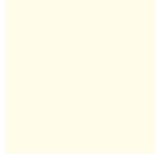
Original Color

97.1449, 0.3399, 0.3752



Protanomaly

97.2237, 0.3276, 0.3513



Deuteranomaly

96.8213, 0.3253, 0.3465



Tritanomaly

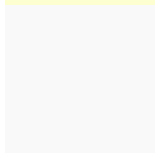
96.8647, 0.3222, 0.3426

Monochromacy



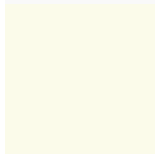
Original Color

97.1449, 0.3399, 0.3752



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.4441, 0.3228, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1449, 0.3399, 0.3752 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(254, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 208)  
}
```

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(254, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 97.1449, 0.3399, 0.3752 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(254, 255, 208) }
```

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

```
.border{ border-color:rgb(254, 255, 208) }
```

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

Here you see how a box with a 4 pixel rgb(254, 255, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1449, 0.3399, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 208) }
```

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

```
.background{ background-color: rgb(254,  
255, 208) }
```

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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