

Converting Colors

$Yxy(97.1197, 0.3383, 0.3732)$

Have a look what the booklet for
Yxy(97.1197, 0.3383, 0.3732)
contains.

Yxy(97.0558, 0.3380, 0.3732)	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(97.0558, 0.3380, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD2
RGB	253, 255, 210
RGB Percent	99%, 100%, 82%
CMY	0.0079, 0.0000, 0.1763
CMYK	0.01, 0.00, 0.18, 0.00
HSL	63°, 100%, 91%
HSV	63°, 18%, 100%
XYZ	87.9016, 97.0558, 75.1064
YIQ	249.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

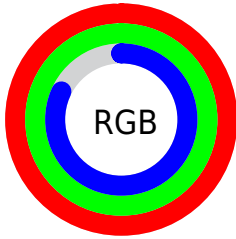
Format	Color
R _Y B	210, 255, 212
Decimal	16646098
CIE Lab	98.85, -7.90, 21.30
CIE LCh	99, 22.722, 110.349
Yxy	97.0558, 0.3380, 0.3732
Android (android.graphics.Color)	4294836178 (0xFFFDFFD2)
YUV	249.2720, -19.3611, 3.2695
Hunter-Lab	98.5169, -13.1382, 23.7609

Details

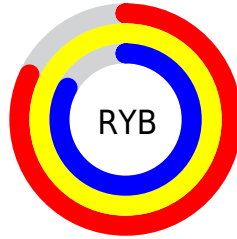
The Yxy color **97.0558, 0.3380, 0.3732** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.3462, 0.2849, 0.2810**, and the grayscale version is **95.1211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4905, 0.3434, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **95.6697, 0.3525, 0.3988**, and if you desaturate by 10%, it is **98.6451, 0.3235, 0.3478**.

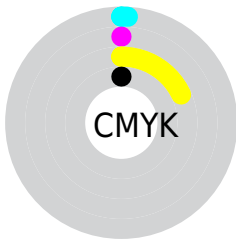
Distribution



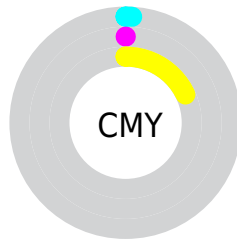
- Red (99%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0558, 0.3380, 0.3732 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 97.0558, 0.3380, 0.3732 by changing the saturation by 10% instead.

 97.0558, 0.3380,
0.3732

 97.0558, 0.3380,
0.3732

550.7257, 0.3271,
0.3535

 73.8472, 0.3403,
0.3775

157.1017, 0.3344,
0.3665

 54.6690, 0.3431,
0.3827

194.7079, 0.3329,
0.3639

 39.1368, 0.3465,
0.3892


237.8819, 0.3316,
0.3616

 26.8661, 0.3507,
0.3974

287.0084, 0.3305,
0.3596

 17.4727, 0.3560,
0.4082

342.4716, 0.3295,
0.3578

 10.5721, 0.3630,
0.4229

404.6559, 0.3286,

 5.7799, 0.3723,

0.3562

0.4439

473.9458, 0.3278,
0.3548

■ 2.7117, 0.3854,
0.4769

■ 0.9831, 0.4289,
0.5711

■ 97.0558, 0.3380,
0.3732

■ 97.0558, 0.3380,
0.3732

■ 95.6697, 0.3525,
0.3988

■ 98.6451, 0.3235,
0.3478

■ 94.4782, 0.3665,
0.4238

100.0000, 0.3127,
0.3290

■ 93.4706, 0.3794,
0.4472

■ 92.6356, 0.3906,
0.4679

■ 91.9606, 0.3996,
0.4851

■ 91.4313, 0.4061,
0.4981

■ 91.0310, 0.4099,
0.5065

■ 90.7374, 0.4112,
0.5108

■ 90.6757, 0.4114,
0.5116

Harmonies

Analogous

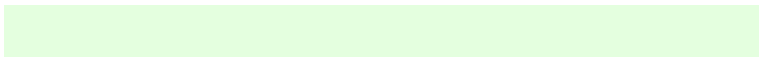
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0558, 0.3560, 0.3660



97.0558, 0.3380, 0.3732



97.0558, 0.3137, 0.3677

Triad

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



97.0558, 0.3380, 0.3732



97.0558, 0.2656, 0.3055



97.0558, 0.3352, 0.3088

Complementary

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



97.0558, 0.3380, 0.3732



67.3462, 0.2849, 0.2810

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.



97.0558, 0.3102, 0.2940



97.0558, 0.3380, 0.3732



97.0558, 0.2707, 0.2915

Square

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



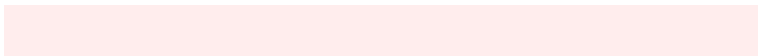
97.0558, 0.3380, 0.3732



97.0558, 0.2724, 0.3271



97.0558, 0.2867, 0.2877



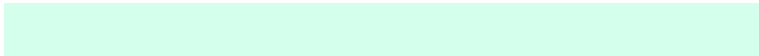
97.0558, 0.3545, 0.3287

Rectangle

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



97.0558, 0.3380, 0.3732



97.0558, 0.2973, 0.3571



97.0558, 0.2867, 0.2877



97.0558, 0.3271, 0.3031

Sweetspot

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



97.0555, 0.3380, 0.3732



99.0976, 0.3198, 0.3413



72.7784, 0.3467, 0.3306



21.1847, 0.3208, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

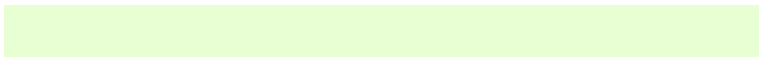
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0555, 0.3380, 0.3732



96.5657, 0.3429, 0.3819



93.1693, 0.3237, 0.3752



21.0468, 0.3262, 0.3525



47.3982, 0.4115, 0.5115



4.6273, 0.4125, 0.5107

Inverse Universe

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



67.3462, 0.2849, 0.2810



62.0197, 0.2789, 0.2707



70.8357, 0.2999, 0.2831



17.4166, 0.2985, 0.3045



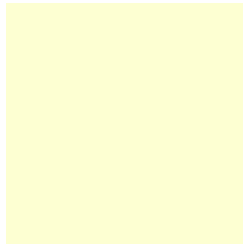
3.8279, 0.1513, 0.0607



0.3858, 0.1545, 0.0624

Previews

White Background



This preview shows how the Yxy color 97.0558, 0.3380, 0.3732 looks on a white background.

Color Contrast Check

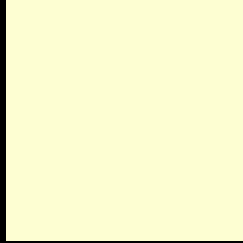
Large Text (above 18pt) WCAG AA × Fail

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 97.0558, 0.3380, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

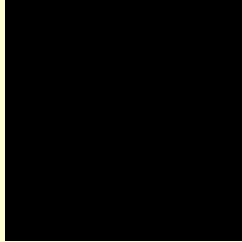
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0558, 0.3380, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 97.0558, 0.3380, 0.3732.



This preview shows how white text looks on a background with the Yxy color 97.0558, 0.3380, 0.3732.

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

97.0558, 0.3380, 0.3732



Protanopia

97.2916, 0.3205, 0.3386

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

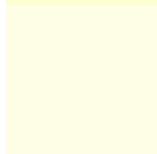
97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.0558, 0.3380, 0.3732



Protanomaly

97.0346, 0.3269, 0.3514



Deuteranomaly

96.6898, 0.3240, 0.3455

Tritanomaly

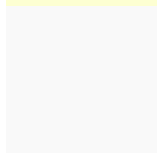
96.9236, 0.3216, 0.3416

Monochromacy



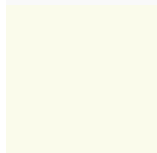
Original Color

97.0558, 0.3380, 0.3732



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.3165, 0.3215, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0558, 0.3380, 0.3732 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 97.0558, 0.3380, 0.3732 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, 210) }
```

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

```
.border{ border-color:rgb(253, 255, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0558, 0.3380, 0.3732 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, 210) }
```

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

```
.background{ background-color: rgb(253,  
255, 210) }
```

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