

Converting Colors

$Y_{xy}(100.0000, 0.3343, 0.3713)$

Have a look what the booklet for
Yxy(100.0000, 0.3343, 0.3713)
contains.

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Color

Yxy(97.3605, 0.3344, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD8
RGB	253, 255, 216
RGB Percent	99%, 100%, 85%
CMY	0.0079, 0.0000, 0.1527
CMYK	0.01, 0.00, 0.15, 0.00
HSL	63°, 100%, 92%
HSV	63°, 15%, 100%
XYZ	88.6638, 97.3605, 79.1187
YIQ	249.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

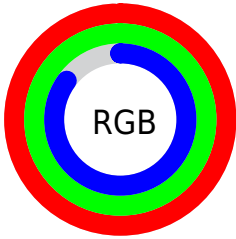
Format	Color
R _Y B	216, 255, 218
Decimal	16646104
CIE Lab	98.97, -7.01, 18.42
CIE LCh	99, 19.710, 110.849
Yxy	97.3605, 0.3344, 0.3672
Android (android.graphics.Color)	4294836184 (0xFFFDFFD8)
YUV	249.9560, -16.7403, 2.6696
Hunter-Lab	98.6714, -12.2791, 21.5289

Details

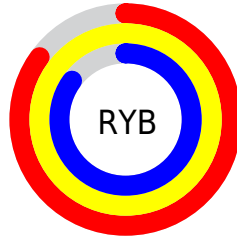
The Yxy color **97.3605, 0.3344, 0.3672** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.2737, 0.2892, 0.2881**, and the grayscale version is **95.6943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.6971, 0.3389, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **95.8953, 0.3488, 0.3929**, and if you desaturate by 10%, it is **99.0322, 0.3201, 0.3419**.

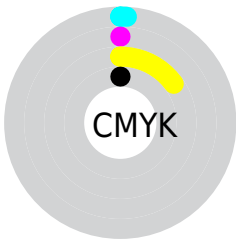
Distribution



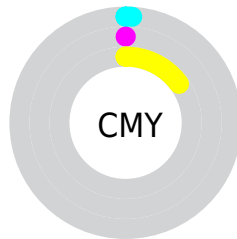
- Red (99%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3605, 0.3344, 0.3672 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 97.3605, 0.3344, 0.3672 by changing the saturation by 10% instead.


 97.3605, 0.3344,
0.3672

 97.3605, 0.3344,
0.3672


551.6946, 0.3250,
0.3502

 74.1012, 0.3364,
0.3709

157.5217, 0.3313,
0.3614

 54.8769, 0.3388,
0.3754


195.1924, 0.3300,
0.3592

 39.3031, 0.3417,
0.3810

238.4357, 0.3289,
0.3572

 26.9956, 0.3454,
0.3881

287.6359, 0.3279,
0.3555

 17.5699, 0.3501,
0.3975

343.1776, 0.3271,
0.3539

 10.6417, 0.3563,
0.4102

405.4449, 0.3263,

 5.8264, 0.3647,

0.3526

0.4285

474.8225, 0.3256,
0.3513

■ 2.7398, 0.3764,
0.4569

■ 0.9975, 0.4365,
0.5635

■ 97.3605, 0.3344,
0.3672

■ 97.3605, 0.3344,
0.3672

■ 95.8953, 0.3488,
0.3929

■ 99.0322, 0.3201,
0.3419

■ 94.6270, 0.3628,
0.4182

100.0000, 0.3127,
0.3290

■ 93.5456, 0.3759,
0.4421

■ 92.6400, 0.3875,
0.4637

■ 91.8978, 0.3969,
0.4819

■ 91.3055, 0.4039,
0.4961

■ 90.8467, 0.4082,
0.5057

■ 90.5015, 0.4099,
0.5111

■ 90.3645, 0.4102,
0.5125

Harmonies

Analogous

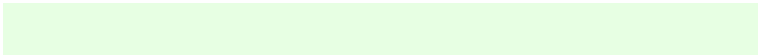
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3605, 0.3500, 0.3614



97.3605, 0.3344, 0.3672



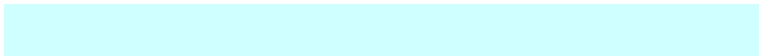
97.3605, 0.3133, 0.3621

Triad

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



97.3605, 0.3344, 0.3672



97.3605, 0.2717, 0.3085



97.3605, 0.3326, 0.3117

Complementary

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



97.3605, 0.3344, 0.3672



71.2737, 0.2892, 0.2881

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.



97.3605, 0.3110, 0.2987



97.3605, 0.3344, 0.3672



97.3605, 0.2763, 0.2963

Square

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



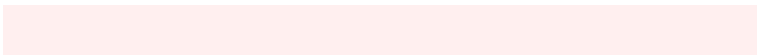
97.3605, 0.3344, 0.3672



97.3605, 0.2775, 0.3271



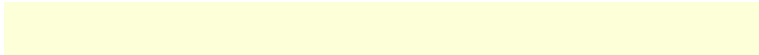
97.3605, 0.2905, 0.2930



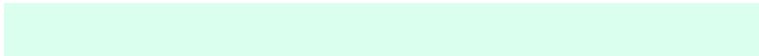
97.3605, 0.3491, 0.3292

Rectangle

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



97.3605, 0.3344, 0.3672



97.3605, 0.2991, 0.3530



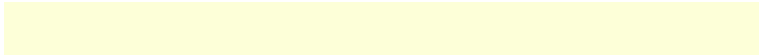
97.3605, 0.2905, 0.2930



97.3605, 0.3256, 0.3067

Sweetspot

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



97.3606, 0.3344, 0.3672



99.0810, 0.3197, 0.3413



76.3628, 0.3412, 0.3311



21.1807, 0.3207, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

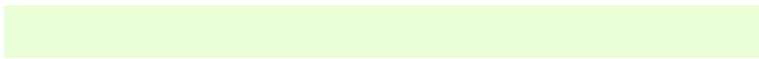
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3606, 0.3344, 0.3672



96.9411, 0.3383, 0.3742



93.9017, 0.3218, 0.3687



21.0401, 0.3261, 0.3525



47.2382, 0.4103, 0.5124



4.6135, 0.4114, 0.5115

Inverse Universe

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



71.2737, 0.2892, 0.2881



66.7889, 0.2845, 0.2799



74.4442, 0.3023, 0.2896



17.4225, 0.2986, 0.3045



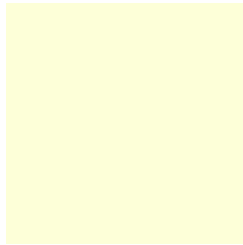
3.8364, 0.1515, 0.0608



0.3886, 0.1551, 0.0628

Previews

White Background



This preview shows how the Yxy color 97.3605, 0.3344, 0.3672 looks on a white background.

Color Contrast Check

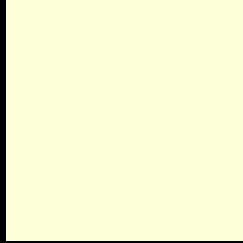
Large Text (above 18pt) WCAG AA × Fail

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 97.3605, 0.3344, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

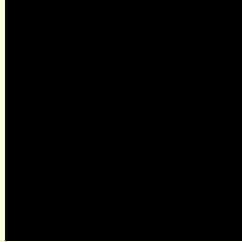
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3605, 0.3344, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 97.3605, 0.3344, 0.3672.

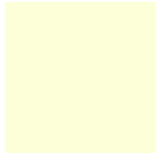


This preview shows how white text looks on a background with the Yxy color 97.3605, 0.3344, 0.3672.

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

97.3605, 0.3344, 0.3672

Protanopia

97.4125, 0.3193, 0.3367

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



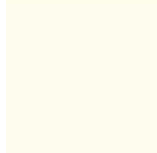
Original Color

97.3605, 0.3344, 0.3672



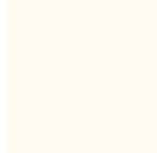
Protanomaly

97.2619, 0.3245, 0.3474



Deuteranomaly

96.8647, 0.3222, 0.3426



Tritanomaly

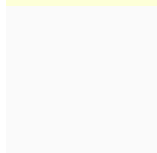
97.0425, 0.3204, 0.3396

Monochromacy



Original Color

97.3605, 0.3344, 0.3672



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

96.3031, 0.3203, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3605, 0.3344, 0.3672 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 216) }
```

Border

The CSS property to change the border of an element to Yxy 97.3605, 0.3344, 0.3672 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, 216) }
```

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

```
.border{ border-color:rgb(253, 255, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3605, 0.3344, 0.3672 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, 216) }
```

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

```
.background{ background-color: rgb(253,  
255, 216) }
```

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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