

Converting Colors

$Y_{xy}(100.0000, 0.3341, 0.3696)$

Have a look what the booklet for
Yxy(100.0000, 0.3341, 0.3696)
contains.

Yxy(97.6006, 0.3345, 0.3662)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(97.6006, 0.3345, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD9
RGB	254, 255, 217
RGB Percent	100%, 100%, 85%
CMY	0.0040, 0.0000, 0.1491
CMYK	0.00, 0.00, 0.15, 0.00
HSL	62°, 100%, 93%
HSV	62°, 15%, 100%
XYZ	89.1518, 97.6006, 79.7702
YIQ	250.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

Format	Color
R_{YB}	217, 255, 218
Decimal	16711641
CIE _{Lab}	99.06, -6.53, 18.09
CIE _{LCh}	99, 19.231, 109.841
Yxy	97.6006, 0.3345, 0.3662
Android (android.graphics.Color)	4294901721 (0xFFFEFFD9)
YUV	250.3690, -16.4509, 3.1844
Hunter-Lab	98.7930, -11.8075, 21.2815

Details

The Yxy color **97.6006, 0.3345, 0.3662** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.7391, 0.2892, 0.2891**, and the grayscale version is **96.0450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.8671, 0.3389, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **96.2438, 0.3494, 0.3917**, and if you desaturate by 10%, it is **99.1566, 0.3198, 0.3410**.

Distribution



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



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.6006, 0.3345, 0.3662 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 97.6006, 0.3345, 0.3662 by changing the saturation by 10% instead.

 97.6006, 0.3345,
0.3662

 97.6006, 0.3345,
0.3662

552.4574, 0.3251,
0.3497

 74.3013, 0.3365,
0.3698

157.8526, 0.3313,
0.3606

 55.0407, 0.3389,
0.3742

195.5741, 0.3301,
0.3584

 39.4343, 0.3419,
0.3796


238.8718, 0.3290,
0.3565

 27.0978, 0.3456,
0.3865

288.1302, 0.3280,
0.3548

 17.6467, 0.3503,
0.3956

343.7335, 0.3271,
0.3533

 10.6966, 0.3566,
0.4079

406.0662, 0.3264,

 5.8632, 0.3651,

0.3520

0.4256

475.5127, 0.3257,
0.3508

■ 2.7621, 0.3772,
0.4530

■ 1.0088, 0.4406,
0.5594

■ 97.6006, 0.3345,
0.3662

■ 97.6006, 0.3345,
0.3662

■ 96.2438, 0.3494,
0.3917

■ 99.1566, 0.3198,
0.3410

■ 95.0862, 0.3639,
0.4168

100.0000, 0.3127,
0.3290

■ 94.1146, 0.3775,
0.4404

■ 93.3179, 0.3895,
0.4617

■ 92.6840, 0.3995,
0.4795

■ 92.1992, 0.4070,
0.4933

■ 91.8473, 0.4119,
0.5026

■ 91.6087, 0.4142,
0.5076

■ 91.5164, 0.4146,
0.5090

Harmonies

Analogous

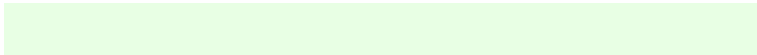
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.6006, 0.3495, 0.3602



97.6006, 0.3345, 0.3662



97.6006, 0.3140, 0.3616

Triad

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



97.6006, 0.3345, 0.3662



97.6006, 0.2727, 0.3096



97.6006, 0.3314, 0.3116

Complementary

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



97.6006, 0.3345, 0.3662



71.7391, 0.2892, 0.2891

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.



97.6006, 0.3103, 0.2991



97.6006, 0.3345, 0.3662



97.6006, 0.2769, 0.2974

Square

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



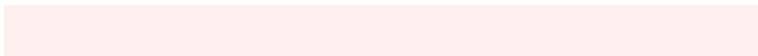
97.6006, 0.3345, 0.3662



97.6006, 0.2788, 0.3279



97.6006, 0.2905, 0.2938



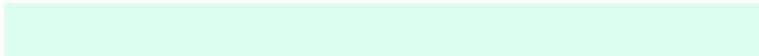
97.6006, 0.3478, 0.3286

Rectangle

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



97.6006, 0.3345, 0.3662



97.6006, 0.3001, 0.3529



97.6006, 0.2905, 0.2938



97.6006, 0.3246, 0.3068

Sweetspot

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



97.5974, 0.3345, 0.3662



99.3090, 0.3185, 0.3388



76.2111, 0.3406, 0.3297



21.2292, 0.3195, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

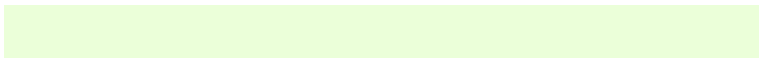
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.5974, 0.3345, 0.3662



97.1576, 0.3391, 0.3741



94.2515, 0.3224, 0.3676



21.0647, 0.3265, 0.3525



47.8304, 0.4147, 0.5089



4.6646, 0.4153, 0.5085

Inverse Universe

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



71.7391, 0.2892, 0.2891



66.6188, 0.2837, 0.2798



74.7749, 0.3017, 0.2905



17.4008, 0.2983, 0.3044



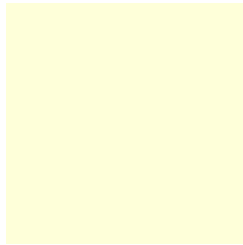
3.8054, 0.1508, 0.0604



0.3783, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 97.6006, 0.3345, 0.3662 looks on a white background.

Color Contrast Check

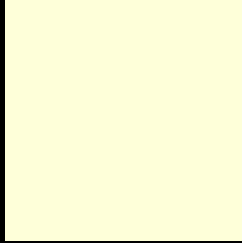
Large Text (above 18pt) WCAG AA × Fail

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 97.6006, 0.3345, 0.3662 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 97.6006, 0.3345, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 97.6006, 0.3345, 0.3662.



This preview shows how white text looks on a background with the Yxy color 97.6006, 0.3345, 0.3662.

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

97.6006, 0.3345, 0.3662



Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.7829, 0.3158, 0.3309

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

97.6006, 0.3345, 0.3662



Protanomaly

97.5087, 0.3246, 0.3464

Deuteranomaly

97.6836, 0.3228, 0.3435

Tritanomaly

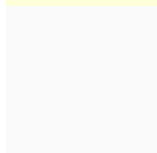
97.6723, 0.3204, 0.3406

Monochromacy



Original Color

97.6006, 0.3345, 0.3662



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 97.6006, 0.3345, 0.3662 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 97.6006, 0.3345, 0.3662 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, 217) }
```

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

```
.border{ border-color:rgb(254, 255, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 97.6006, 0.3345, 0.3662 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, 217) }
```

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

```
.background{ background-color: rgb(254,  
255, 217) }
```

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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