

Converting Colors

$Y_{xy}(97.1780, 0.3300, 0.3557)$

Have a look what the booklet for
Yxy(97.1780, 0.3300, 0.3557)
contains.

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Color

Yxy(97.0015, 0.3300, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE2
RGB	255, 253, 226
RGB Percent	100%, 99%, 89%
CMY	0.0000, 0.0078, 0.1138
CMYK	0.00, 0.01, 0.11, 0.00
HSL	56°, 100%, 94%
HSV	56°, 11%, 100%
XYZ	90.0943, 97.0015, 85.9172
YIQ	250.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

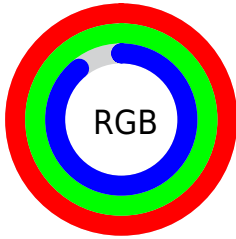
Format	Color
R _Y B	228, 255, 226
Decimal	16776674
CIE Lab	98.83, -3.79, 13.17
CIE LCh	99, 13.701, 106.066
Yxy	97.0015, 0.3300, 0.3553
Android (android.graphics.Color)	4294966754 (0xFFFFFDE2)
YUV	250.5200, -12.0884, 3.9290
Hunter-Lab	98.4893, -9.0714, 17.2209

Details

The Yxy color 97.0015, 0.3300, 0.3553 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 78.8658, 0.2947, 0.3013, and the grayscale version is 96.1468, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4259, 0.3332, 0.3600 is the 20% darker color. If you saturate the color by 10%, you get 94.6035, 0.3458, 0.3791, and if you desaturate by 10%, it is 99.6219, 0.3148, 0.3321.

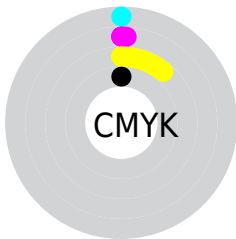
Distribution



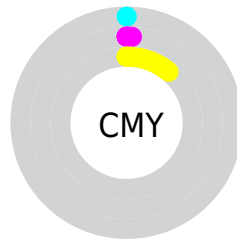
- Red (100%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0015, 0.3300, 0.3553 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 97.0015, 0.3300, 0.3553 by changing the saturation by 10% instead.

 97.0015, 0.3300,
0.3553

 97.0015, 0.3300,
0.3553


550.5529, 0.3225,
0.3437

 73.8019, 0.3316,
0.3578


157.0269, 0.3275,
0.3514

 54.6320, 0.3336,
0.3609


194.6215, 0.3265,
0.3498

 39.1071, 0.3360,
0.3647


237.7832, 0.3256,
0.3484

 26.8431, 0.3390,
0.3696


286.8965, 0.3248,
0.3473

 17.4554, 0.3430,
0.3760

342.3457, 0.3241,
0.3462

 10.5597, 0.3483,
0.3847

404.5153, 0.3235,

 5.7716, 0.3558,

0.3453

0.3972

473.7895, 0.3229,
0.3444

■ 2.7067, 0.3670,
0.4169

■ 0.9806, 0.4266,
0.5001

■ 97.0015, 0.3300,
0.3553

■ 97.0015, 0.3300,
0.3553

■ 94.6035, 0.3458,
0.3791

■ 99.6219, 0.3148,
0.3321

■ 92.4126, 0.3618,
0.4028

■ 100.0000, 0.3127,
0.3290

■ 90.4211, 0.3774,
0.4256

■ 88.6182, 0.3921,
0.4464

■ 86.9922, 0.4051,
0.4643

■ 85.5298, 0.4158,
0.4785

■ 84.2160, 0.4240,
0.4882

■ 83.0326, 0.4294,
0.4935

■ 82.0927, 0.4321,
0.4951

Harmonies

Analogous

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



97.0015, 0.3398, 0.3505



97.0015, 0.3300, 0.3553



97.0015, 0.3157, 0.3528

Triad

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



97.0015, 0.3300, 0.3553



97.0015, 0.2841, 0.3168



97.0015, 0.3243, 0.3151

Complementary

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



97.0015, 0.3300, 0.3553



78.8658, 0.2947, 0.3013

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.



97.0015, 0.3092, 0.3066



97.0015, 0.3300, 0.3553



97.0015, 0.2862, 0.3072

Square

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



97.0015, 0.3300, 0.3553



97.0015, 0.2894, 0.3301



97.0015, 0.2953, 0.3036



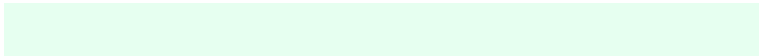
97.0015, 0.3365, 0.3272

Rectangle

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



97.0015, 0.3300, 0.3553



97.0015, 0.3056, 0.3472



97.0015, 0.2953, 0.3036



97.0015, 0.3194, 0.3118

Sweetspot

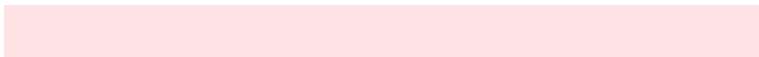
The Sweet Spot groups the original color and five complimentary colors.



97.0035, 0.3300, 0.3553



99.1817, 0.3172, 0.3358



81.2710, 0.3316, 0.3267



21.1829, 0.3184, 0.3377



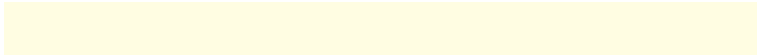
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

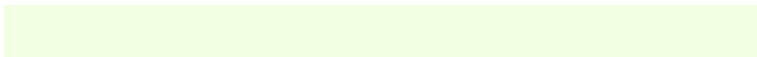
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0035, 0.3300, 0.3553



96.3532, 0.3341, 0.3615



96.0495, 0.3220, 0.3579



20.8641, 0.3271, 0.3509



42.9862, 0.4319, 0.4953



4.2471, 0.4303, 0.4965

Inverse Universe

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



78.8658, 0.2947, 0.3013



74.4398, 0.2902, 0.2943



79.7975, 0.3026, 0.2999



17.5783, 0.2978, 0.3061



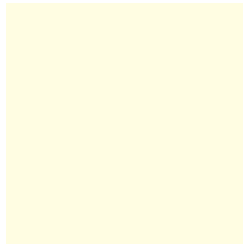
4.0645, 0.1512, 0.0642



0.4625, 0.1538, 0.0737

Previews

White Background



This preview shows how the Yxy color 97.0015, 0.3300, 0.3553 looks on a white background.

Color Contrast Check

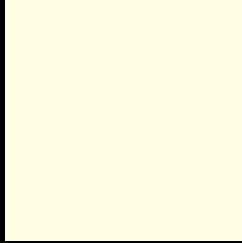
Large Text (above 18pt) WCAG AA × Fail

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 97.0015, 0.3300, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

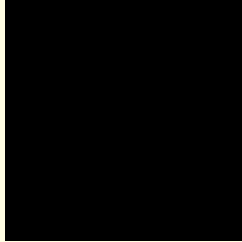
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0015, 0.3300, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 97.0015, 0.3300, 0.3553.



This preview shows how white text looks on a background with the Yxy color 97.0015, 0.3300, 0.3553.

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

97.0015, 0.3300, 0.3553



Protanopia

96.7860, 0.3194, 0.3357

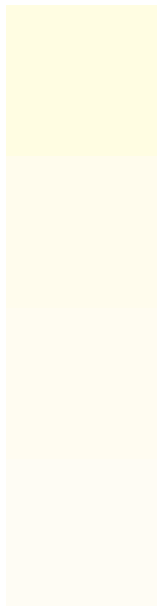
Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.0015, 0.3300, 0.3553

Protanomaly

96.9952, 0.3235, 0.3435

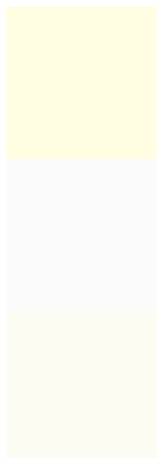
Deuteranomaly

97.2317, 0.3211, 0.3396

Tritanomaly

97.2233, 0.3187, 0.3367

Monochromacy



Original Color

97.0015, 0.3300, 0.3553

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.7271, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0015, 0.3300, 0.3553 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 226) }
```

Border

The CSS property to change the border of an element to Yxy 97.0015, 0.3300, 0.3553 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, 226) }
```

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

```
.border{ border-color:rgb(255, 253, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0015, 0.3300, 0.3553 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
253, 226) }
```

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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