

Converting Colors

Yxy(97.5382, 0.3320, 0.3633)

Have a look what the booklet for
Yxy(97.5382, 0.3320, 0.3633)
contains.

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Color

Yxy(97.5700, 0.3320, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD0
RGB	253, 255, 220
RGB Percent	99%, 100%, 86%
CMY	0.0081, 0.0000, 0.1373
CMYK	0.01, 0.00, 0.14, 0.00
HSL	64°, 100%, 93%
HSV	64°, 14%, 100%
XYZ	89.1639, 97.5700, 81.8320
YIQ	250.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

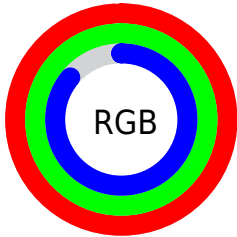
Format	Color
R _Y B	220, 255, 222
Decimal	16646108
CIE Lab	99.05, -6.45, 16.53
CIE LCh	99, 17.744, 111.327
Yxy	97.5700, 0.3320, 0.3633
Android (android.graphics.Color)	4294836188 (0xFFFDFFDC)
YUV	250.4120, -14.9931, 2.2697
Hunter-Lab	98.7775, -11.7334, 20.0256

Details

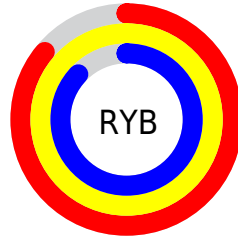
The Yxy color **97.5700, 0.3320, 0.3633** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.9379, 0.2920, 0.2926**, and the grayscale version is **96.0548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.8405, 0.3358, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **96.0229, 0.3463, 0.3890**, and if you desaturate by 10%, it is **99.2955, 0.3179, 0.3381**.

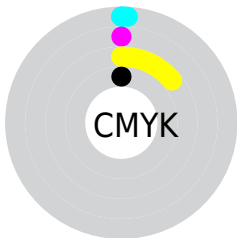
Distribution



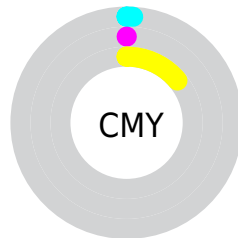
- Red (99%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.5700, 0.3320, 0.3633 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 97.5700, 0.3320, 0.3633 by changing the saturation by 10% instead.


 97.5700, 0.3320,
0.3633

 97.5700, 0.3320,
0.3633


552.3602, 0.3236,
0.3481

 74.2758, 0.3338,
0.3666


157.8104, 0.3292,
0.3581

 55.0198, 0.3359,
0.3707

195.5255, 0.3281,
0.3561

 39.4176, 0.3386,
0.3757


238.8163, 0.3271,
0.3543

 27.0847, 0.3418,
0.3821

288.0672, 0.3263,
0.3528

 17.6369, 0.3461,
0.3904

343.6627, 0.3255,
0.3514

 10.6896, 0.3516,
0.4019

405.9871, 0.3248,

 5.8585, 0.3593,

0.3502

0.4184

475.4248, 0.3242,
0.3491

■ 2.7592, 0.3704,
0.4442

■ 1.0074, 0.4411,
0.5589

■ 97.5700, 0.3320,
0.3633

■ 97.5700, 0.3320,
0.3633

■ 96.0229, 0.3463,
0.3890

■ 99.2955, 0.3179,
0.3381

■ 94.6898, 0.3603,
0.4145

100.0000, 0.3127,
0.3290

■ 93.5457, 0.3734,
0.4388

■ 92.5797, 0.3851,
0.4609

■ 91.7798, 0.3948,
0.4799

■ 91.1323, 0.4020,
0.4949

■ 90.6217, 0.4066,
0.5054

■ 90.2287, 0.4086,
0.5115

■ 90.0251, 0.4088,
0.5136

Harmonies

Analogous

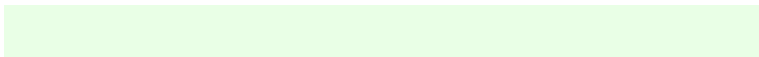
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5700, 0.3461, 0.3583



97.5700, 0.3320, 0.3633



97.5700, 0.3130, 0.3585

Triad

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



97.5700, 0.3320, 0.3633



97.5700, 0.2757, 0.3104



97.5700, 0.3309, 0.3136

Complementary

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



97.5700, 0.3320, 0.3633



73.9379, 0.2920, 0.2926

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.



97.5700, 0.3115, 0.3017



97.5700, 0.3320, 0.3633



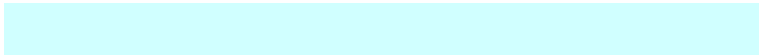
97.5700, 0.2801, 0.2995

Square

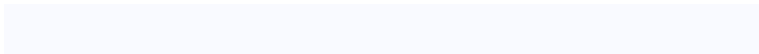
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



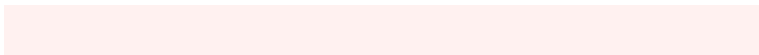
97.5700, 0.3320, 0.3633



97.5700, 0.2808, 0.3271



97.5700, 0.2930, 0.2965



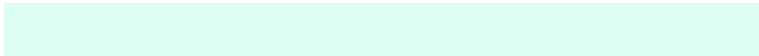
97.5700, 0.3456, 0.3295

Rectangle

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



97.5700, 0.3320, 0.3633



97.5700, 0.3002, 0.3503



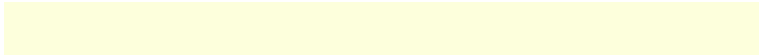
97.5700, 0.2930, 0.2965



97.5700, 0.3247, 0.3091

Sweetspot

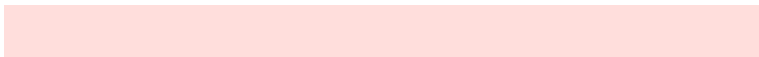
The Sweet Spot groups the original color and five complimentary colors.



97.5550, 0.3320, 0.3633



99.2459, 0.3182, 0.3388



78.5290, 0.3379, 0.3308



21.2132, 0.3193, 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.



97.5550, 0.3320, 0.3633



97.1895, 0.3352, 0.3691



94.4753, 0.3209, 0.3645



21.0327, 0.3260, 0.3525



47.0637, 0.4090, 0.5135



4.5984, 0.4102, 0.5125

Inverse Universe

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



73.9379, 0.2920, 0.2926



70.1077, 0.2882, 0.2860



76.7918, 0.3035, 0.2938



17.4291, 0.2988, 0.3045



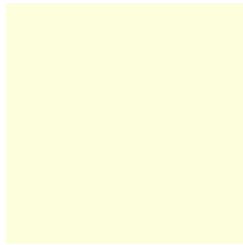
3.8461, 0.1517, 0.0610



0.3917, 0.1559, 0.0632

Previews

White Background



This preview shows how the Yxy color 97.5700, 0.3320, 0.3633 looks on a white background.

Color Contrast Check

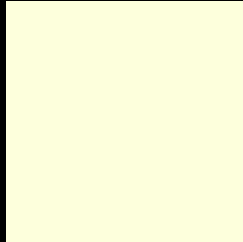
Large Text (above 18pt) WCAG AA × Fail

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 97.5700, 0.3320, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

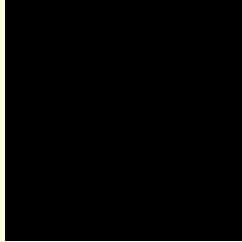
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.5700, 0.3320, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 97.5700, 0.3320, 0.3633.

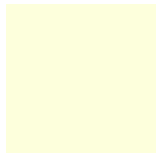


This preview shows how white text looks on a background with the Yxy color 97.5700, 0.3320, 0.3633.

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

97.5700, 0.3320, 0.3633



Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.7829, 0.3158, 0.3309

Tritanopia

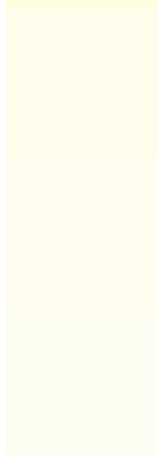
97.9116, 0.3122, 0.3261

Trichromacy



Original Color

97.5700, 0.3320, 0.3633



Protanomaly

97.3775, 0.3233, 0.3455

Deuteranomaly

97.5534, 0.3216, 0.3425

Tritanomaly

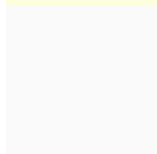
97.7322, 0.3198, 0.3396

Monochromacy



Original Color

97.5700, 0.3320, 0.3633



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

96.3620, 0.3197, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.5700, 0.3320, 0.3633 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 220) }
```

Border

The CSS property to change the border of an element to Yxy 97.5700, 0.3320, 0.3633 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, 220) }
```

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

```
.border{ border-color:rgb(253, 255, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 97.5700, 0.3320, 0.3633 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, 220) }
```

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

```
.background{ background-color: rgb(253,  
255, 220) }
```

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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