

Converting Colors

Yxy(100.0000, 0.3396, 0.3659)

Have a look what the booklet for
Yxy(100.0000, 0.3396, 0.3659)
contains.

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Color

Yxy(97.8420, 0.3345, 0.3651)

Conversions

Conversions Part 1	
Format	Color
Hex	FFFFDA
RGB	255, 255, 218
RGB Percent	100%, 100%, 85%
CMY	0.0002, 0.0000, 0.1450
CMYK	0.00, 0.00, 0.15, 0.00
HSL	60°, 100%, 93%
HSV	60°, 15%, 100%
XYZ	89.6416, 97.8420, 80.5033
YIQ	250.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

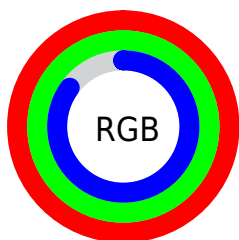
Format	Color
RYB	218, 255, 218
Decimal	16777178
CIELab	99.16, -6.04, 17.70
CIELCh	99, 18.705, 108.843
Yxy	97.8420, 0.3345, 0.3651
Android (android.graphics.Color)	4294967258 (0xFFFFFDA)
YUV	250.7820, -16.1615, 3.6992
Hunter-Lab	98.9151, -11.3362, 20.9867

Details

The Yxy color 97.8420, 0.3345, 0.3651 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 72.2906, 0.2893, 0.2902, and the grayscale version is 96.3951, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0383, 0.3390, 0.3725 is the 20% darker color. If you saturate the color by 10%, you get 96.5913, 0.3498, 0.3905, and if you desaturate by 10%, it is 99.2793, 0.3194, 0.3400.

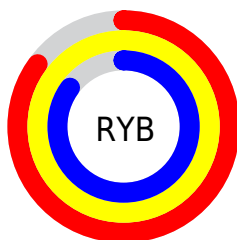
Distribution



Red (100%)

Green (100%)

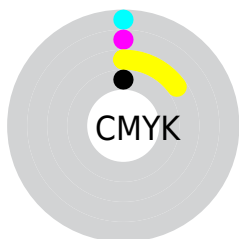
Blue (85%)



Red (85%)

Yellow (100%)

Blue (85%)

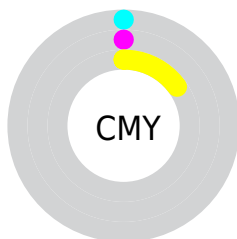


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (0%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.8420, 0.3345, 0.3651 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 97.8420, 0.3345, 0.3651 by changing the saturation by 10% instead.


 97.8420, 0.3345,
0.3651

 97.8420, 0.3345,
0.3651


553.2239, 0.3251,
0.3491

 74.5026, 0.3365,
0.3686


158.1852, 0.3313,
0.3597

 55.2055, 0.3389,
0.3728


195.9577, 0.3301,
0.3575

 39.5663, 0.3419,
0.3781


239.3102, 0.3290,
0.3557

 27.2005, 0.3456,
0.3848

288.6268, 0.3280,
0.3540

 17.7239, 0.3504,
0.3935

344.2921, 0.3271,
0.3526

 10.7519, 0.3567,
0.4054


406.6905, 0.3264,


 5.9003, 0.3653,


0.3513

0.4225


476.2063, 0.3257,
0.3501


 2.7845, 0.3777,
0.4489

 1.0203, 0.4445,
0.5555

 97.8420, 0.3345,
0.3651

 97.8420, 0.3345,
0.3651


 96.5913, 0.3498,
0.3905


 99.2793, 0.3194,
0.3400


 95.5460, 0.3648,
0.4153


100.0000, 0.3127,
0.3290


 94.6866, 0.3789,
0.4387


 94.0022, 0.3915,
0.4596

 93.4807, 0.4021,
0.4771

 93.1083, 0.4101,
0.4905

 92.8692, 0.4155,
0.4994

 92.7438, 0.4183,
0.5042

 92.7081, 0.4191,
0.5055

Harmonies

Analogous

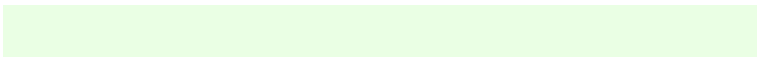
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.8420, 0.3488, 0.3590



97.8420, 0.3345, 0.3651



97.8420, 0.3147, 0.3610

Triad

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



97.8420, 0.3345, 0.3651



97.8420, 0.2739, 0.3107



97.8420, 0.3302, 0.3116

Complementary

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



97.8420, 0.3345, 0.3651



72.2906, 0.2893, 0.2902

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.



97.8420, 0.3097, 0.2996



97.8420, 0.3345, 0.3651



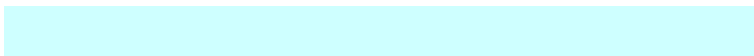
97.8420, 0.2776, 0.2986

Square

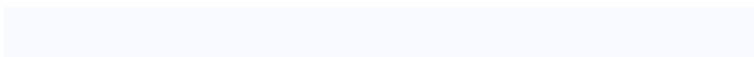
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



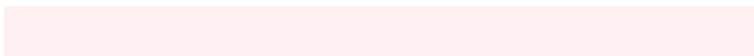
97.8420, 0.3345, 0.3651



97.8420, 0.2800, 0.3286



97.8420, 0.2905, 0.2948



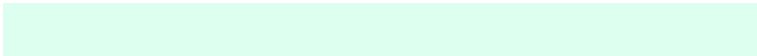
97.8420, 0.3464, 0.3281

Rectangle

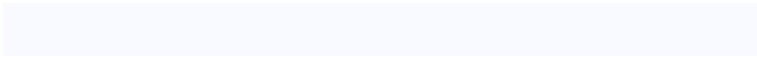
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.8420, 0.3345, 0.3651



97.8420, 0.3011, 0.3527



97.8420, 0.2905, 0.2948



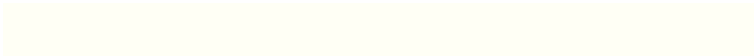
97.8420, 0.3236, 0.3069

Sweetspot

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



97.8326, 0.3345, 0.3651



99.3575, 0.3186, 0.3388



76.4766, 0.3398, 0.3291



21.2416, 0.3197, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

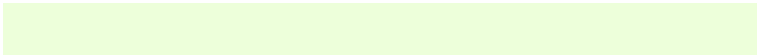
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.8326, 0.3345, 0.3651



97.5036, 0.3383, 0.3714



94.5034, 0.3225, 0.3665



21.0893, 0.3269, 0.3525



48.4426, 0.4191, 0.5055



4.7171, 0.4191, 0.5054

Inverse Universe

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



72.2906, 0.2893, 0.2902



68.0868, 0.2848, 0.2828



75.2939, 0.3016, 0.2916



17.3791, 0.2979, 0.3044



3.7744, 0.1501, 0.0600



0.3679, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 97.8420, 0.3345, 0.3651 looks on a white background.

Color Contrast Check

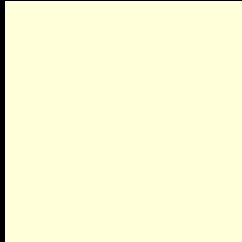
Large Text (above 18pt) WCAG AA × Fail

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 97.8420, 0.3345, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

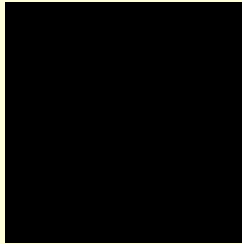
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.8420, 0.3345, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 97.8420, 0.3345, 0.3651.



This preview shows how white text looks on a background with the Yxy color 97.8420, 0.3345, 0.3651.

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

97.8420, 0.3345, 0.3651



Protanopia

97.5346, 0.3181, 0.3348

Deuteranopia

97.8458, 0.3152, 0.3300

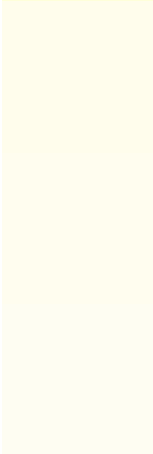
Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color
97.8420, 0.3345, 0.3651



Protanomaly
97.5667, 0.3240, 0.3454

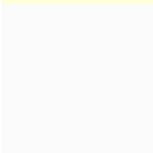
Deuteranomaly
97.7426, 0.3222, 0.3425

Tritanomaly
97.7322, 0.3198, 0.3396

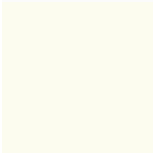
Monochromacy



Original Color
97.8420, 0.3345, 0.3651



Achromatopsia
96.4686, 0.3127, 0.3290



Achromatomaly
96.5482, 0.3204, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.8420, 0.3345, 0.3651 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, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 218)  
}
```

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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 97.8420, 0.3345, 0.3651 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, 255, 218) }
```

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

```
.border{ border-color:rgb(255, 255, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 97.8420, 0.3345, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 218) }
```

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

```
.background{ background-color: rgb(255,  
255, 218) }
```

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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awesome pro features!

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