

Converting Colors

$Y_{xy}(177.2697, 0.3216, 0.4448)$

Have a look what the booklet for
Yxy(177.2697, 0.3216, 0.4448)
contains.

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Color

Yxy(97.0390, 0.3325, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFD9
RGB	251, 255, 217
RGB Percent	98%, 100%, 85%
CMY	0.0158, 0.0000, 0.1490
CMYK	0.02, 0.00, 0.15, 0.00
HSL	66°, 100%, 93%
HSV	66°, 15%, 100%
XYZ	88.0608, 97.0390, 79.7447
YIQ	249.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

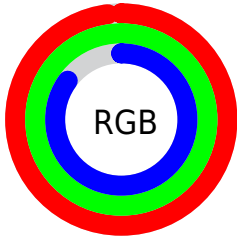
Format	Color
R _Y B	217, 255, 221
Decimal	16515033
CIE Lab	98.84, -7.58, 17.73
CIE LCh	99, 19.280, 113.148
Yxy	97.0390, 0.3325, 0.3664
Android (android.graphics.Color)	4294705113 (0xFFFBFFD9)
YUV	249.4720, -16.0087, 1.3401
Hunter-Lab	98.5084, -12.8210, 20.9593

Details

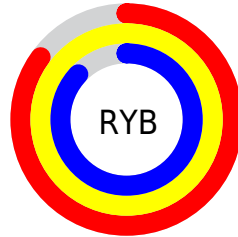
The Yxy color **97.0390, 0.3325, 0.3664** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.2340, 0.2912, 0.2893**, and the grayscale version is **95.2607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4661, 0.3364, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **95.3086, 0.3459, 0.3924**, and if you desaturate by 10%, it is **98.9714, 0.3191, 0.3410**.

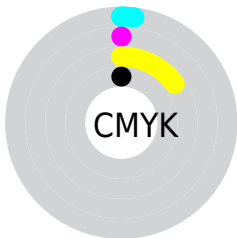
Distribution



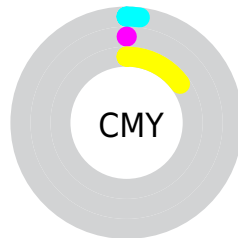
- Red (98%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0390, 0.3325, 0.3664 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 97.0390, 0.3325, 0.3664 by changing the saturation by 10% instead.

 97.0390, 0.3325,
0.3664

 97.0390, 0.3325,
0.3664


550.6722, 0.3239,
0.3498

 73.8332, 0.3343,
0.3701


157.0786, 0.3296,
0.3607

 54.6575, 0.3365,
0.3745

194.6811, 0.3285,
0.3585

 39.1276, 0.3392,
0.3800


237.8514, 0.3275,
0.3566

 26.8590, 0.3425,
0.3870

286.9738, 0.3266,
0.3549

 17.4674, 0.3468,
0.3962

342.4327, 0.3258,
0.3534

 10.5683, 0.3524,
0.4088

404.6124, 0.3251,

 5.7773, 0.3600,

0.3520

0.4271

473.8975, 0.3245,
0.3508

■ 2.7102, 0.3707,
0.4556

■ 0.9824, 0.4315,
0.5685

■ 97.0390, 0.3325,
0.3664

■ 97.0390, 0.3325,
0.3664

■ 95.3086, 0.3459,
0.3924

■ 98.9714, 0.3191,
0.3410

■ 93.7861, 0.3590,
0.4183

100.0000, 0.3127,
0.3290

■ 92.4563, 0.3711,
0.4431

■ 91.3081, 0.3817,
0.4657

■ 90.3293, 0.3903,
0.4852

■ 89.5061, 0.3964,
0.5007

■ 88.8225, 0.3998,
0.5117

■ 88.2587, 0.4007,
0.5182

■ 88.0028, 0.4004,
0.5203

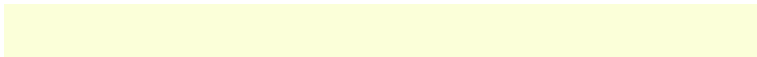
Harmonies

Analogous

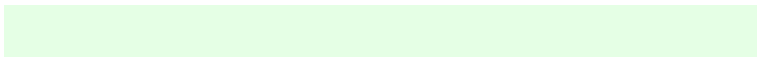
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0390, 0.3484, 0.3615



97.0390, 0.3325, 0.3664



97.0390, 0.3117, 0.3606

Triad

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



97.0390, 0.3325, 0.3664



97.0390, 0.2725, 0.3078



97.0390, 0.3336, 0.3133

Complementary

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



97.0390, 0.3325, 0.3664



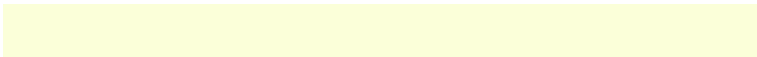
72.2340, 0.2912, 0.2893

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.



97.0390, 0.3127, 0.3000



97.0390, 0.3325, 0.3664



97.0390, 0.2778, 0.2964

Square

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



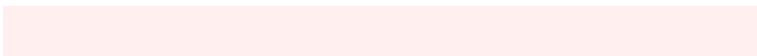
97.0390, 0.3325, 0.3664



97.0390, 0.2775, 0.3257



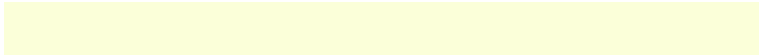
97.0390, 0.2923, 0.2939



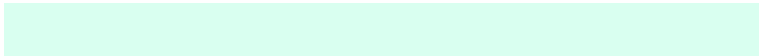
97.0390, 0.3492, 0.3306

Rectangle

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



97.0390, 0.3325, 0.3664



97.0390, 0.2979, 0.3512



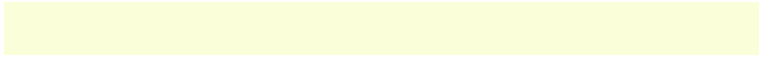
97.0390, 0.2923, 0.2939



97.0390, 0.3270, 0.3082

Sweetspot

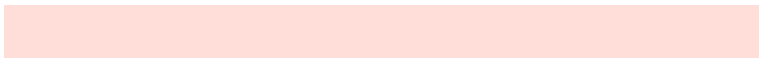
The Sweet Spot groups the original color and five complimentary colors.



97.0339, 0.3325, 0.3664



99.1556, 0.3179, 0.3388



77.8858, 0.3401, 0.3329



21.1902, 0.3189, 0.3407



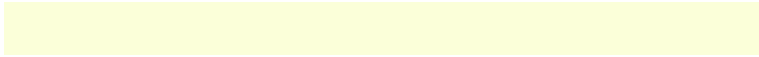
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

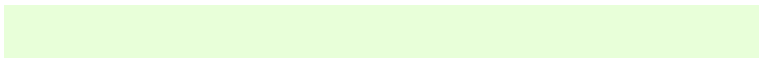
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0339, 0.3325, 0.3664



96.4760, 0.3367, 0.3744



93.7216, 0.3204, 0.3678



20.9871, 0.3253, 0.3526



46.0229, 0.4008, 0.5200



4.5080, 0.4030, 0.5182

Inverse Universe

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



72.2340, 0.2912, 0.2893



67.1620, 0.2862, 0.2802



75.3457, 0.3039, 0.2908



17.4700, 0.2995, 0.3045



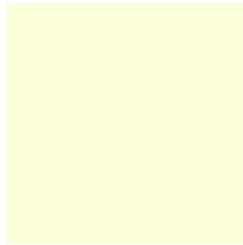
3.9245, 0.1536, 0.0620



0.4110, 0.1604, 0.0657

Previews

White Background



This preview shows how the Yxy color 97.0390, 0.3325, 0.3664 looks on a white background.

Color Contrast Check

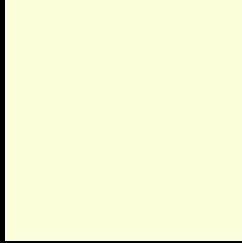
Large Text (above 18pt) WCAG AA × Fail

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 97.0390, 0.3325, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

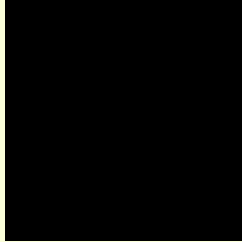
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0390, 0.3325, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 97.0390, 0.3325, 0.3664.

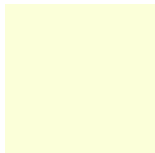


This preview shows how white text looks on a background with the Yxy color 97.0390, 0.3325, 0.3664.

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

97.0390, 0.3325, 0.3664



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

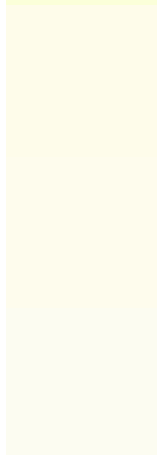
97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.0390, 0.3325, 0.3664



Protanomaly

96.6322, 0.3246, 0.3465

Deuteranomaly

96.8061, 0.3228, 0.3435

Tritanomaly

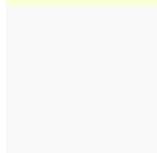
96.6671, 0.3192, 0.3397

Monochromacy



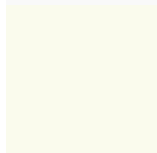
Original Color

97.0390, 0.3325, 0.3664



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.4328, 0.3203, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0390, 0.3325, 0.3664 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(251, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 97.0390, 0.3325, 0.3664 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(251, 255, 217) }
```

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

```
.border{ border-color:rgb(251, 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(251, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0390, 0.3325, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 217) }
```

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

```
.background{ background-color: rgb(251,  
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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