

Converting Colors

$Yxy(96.0069, 0.3326, 0.3581)$

Have a look what the booklet for
Yxy(96.0069, 0.3326, 0.3581)
contains.

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Color

Yxy(96.1547, 0.3325, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDE
RGB	255, 252, 222
RGB Percent	100%, 99%, 87%
CMY	0.0001, 0.0117, 0.1293
CMYK	0.00, 0.01, 0.13, 0.00
HSL	55°, 100%, 94%
HSV	55°, 13%, 100%
XYZ	89.2309, 96.1547, 82.9780
YIQ	249.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

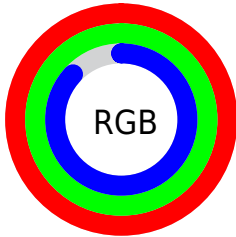
Format	Color
R _Y B	225, 255, 222
Decimal	16776414
CIE Lab	98.49, -3.92, 14.72
CIE LCh	98, 15.233, 104.916
Yxy	96.1547, 0.3325, 0.3583
Android (android.graphics.Color)	4294966494 (0xFFFFFCDE)
YUV	249.4770, -13.5462, 4.8437
Hunter-Lab	98.0585, -9.1716, 18.4692

Details

The Yxy color 96.1547, 0.3325, 0.3583 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 76.5954, 0.2921, 0.2979, and the grayscale version is 95.2523, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8260, 0.3365, 0.3639 is the 20% darker color. If you saturate the color by 10%, you get 93.4606, 0.3485, 0.3816, and if you desaturate by 10%, it is 99.0814, 0.3171, 0.3355.

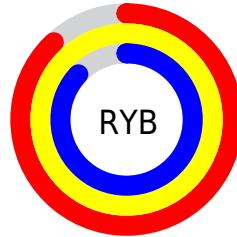
Distribution



Red (100%)

Green (99%)

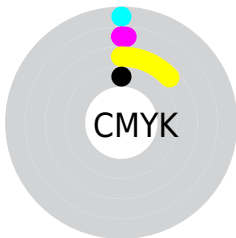
Blue (87%)



Red (88%)

Yellow (100%)

Blue (87%)

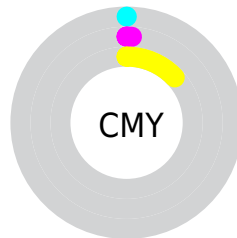


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.1547, 0.3325, 0.3583 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 96.1547, 0.3325, 0.3583 by changing the saturation by 10% instead.


 96.1547, 0.3325,
0.3583

 96.1547, 0.3325,
0.3583


547.8551, 0.3239,
0.3453

 73.0964, 0.3344,
0.3611


155.8589, 0.3296,
0.3539

 54.0548, 0.3366,
0.3646


193.2736, 0.3284,
0.3522

 38.6455, 0.3394,
0.3689


236.2426, 0.3274,
0.3506

 26.4840, 0.3429,
0.3743

285.1502, 0.3265,
0.3493

 17.1861, 0.3474,
0.3814

340.3808, 0.3258,
0.3481

 10.3673, 0.3534,
0.3911

402.3189, 0.3250,

 5.6431, 0.3620,

0.3471

0.4052

471.3489, 0.3244,
0.3462

■ 2.6293, 0.3747,
0.4271

■ 0.9414, 0.4588,
0.5412

■ 96.1547, 0.3325,
0.3583

■ 96.1547, 0.3325,
0.3583

■ 93.4606, 0.3485,
0.3816

■ 99.0814, 0.3171,
0.3355

■ 90.9771, 0.3648,
0.4048

99.9957, 0.3127,
0.3290

■ 88.6985, 0.3807,
0.4270

■ 86.6138, 0.3956,
0.4472

■ 84.7111, 0.4089,
0.4643

■ 82.9769, 0.4199,
0.4776

■ 81.3957, 0.4283,
0.4865

■ 79.9486, 0.4338,
0.4908

■ 78.9864, 0.4364,
0.4917

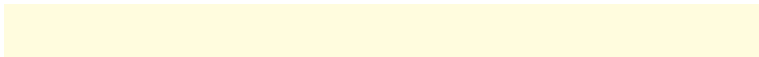
Harmonies

Analogous

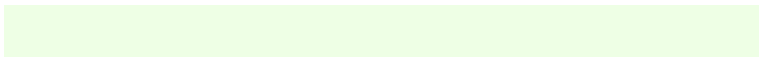
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1547, 0.3432, 0.3525



96.1547, 0.3325, 0.3583



96.1547, 0.3167, 0.3559

Triad

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



96.1547, 0.3325, 0.3583



96.1547, 0.2809, 0.3158



96.1547, 0.3250, 0.3131

Complementary

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



96.1547, 0.3325, 0.3583



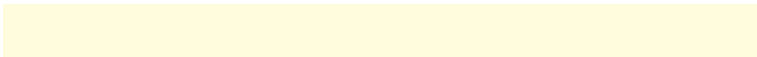
76.5954, 0.2921, 0.2979

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.



96.1547, 0.3081, 0.3038



96.1547, 0.3325, 0.3583



96.1547, 0.2830, 0.3050

Square

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



96.1547, 0.3325, 0.3583



96.1547, 0.2871, 0.3308



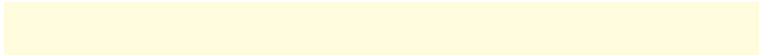
96.1547, 0.2928, 0.3008



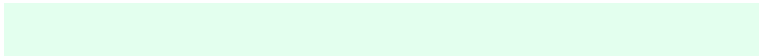
96.1547, 0.3389, 0.3264

Rectangle

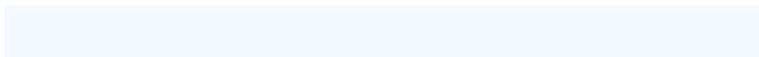
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1547, 0.3325, 0.3583



96.1547, 0.3054, 0.3498



96.1547, 0.2928, 0.3008



96.1547, 0.3195, 0.3094

Sweetspot

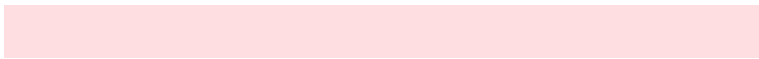
The Sweet Spot groups the original color and five complimentary colors.



96.1589, 0.3325, 0.3583



98.7761, 0.3187, 0.3379



78.9635, 0.3341, 0.3258



21.0938, 0.3198, 0.3396



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

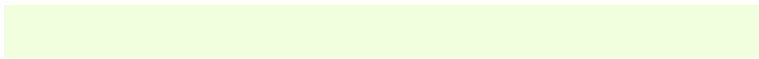
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1589, 0.3325, 0.3583



95.3249, 0.3374, 0.3655



95.6217, 0.3236, 0.3620



20.7946, 0.3271, 0.3504



41.3959, 0.4361, 0.4920



4.1090, 0.4339, 0.4937

Inverse Universe

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



76.5954, 0.2921, 0.2979



71.6226, 0.2867, 0.2897



77.1697, 0.3008, 0.2956



17.6404, 0.2979, 0.3066



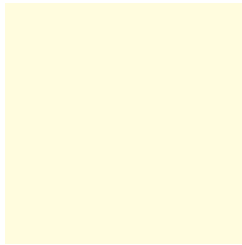
4.1801, 0.1516, 0.0658



0.4919, 0.1549, 0.0777

Previews

White Background



This preview shows how the Yxy color 96.1547, 0.3325, 0.3583 looks on a white background.

Color Contrast Check

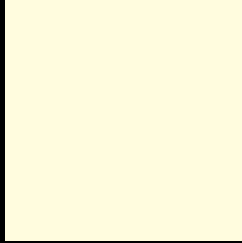
Large Text (above 18pt) WCAG AA × Fail

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 96.1547, 0.3325, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

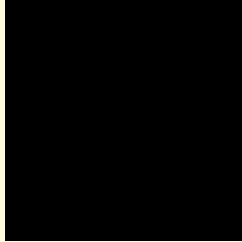
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1547, 0.3325, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 96.1547, 0.3325, 0.3583.

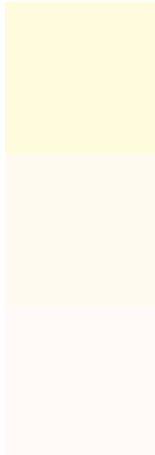


This preview shows how white text looks on a background with the Yxy color 96.1547, 0.3325, 0.3583.

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

96.1547, 0.3325, 0.3583

Protanopia

95.9225, 0.3218, 0.3387

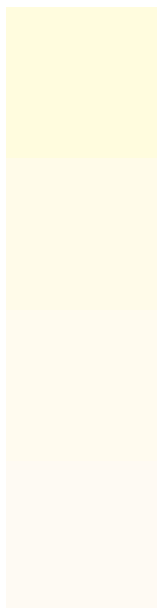
Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



Original Color

96.1547, 0.3325, 0.3583

Protanomaly

96.1376, 0.3260, 0.3465

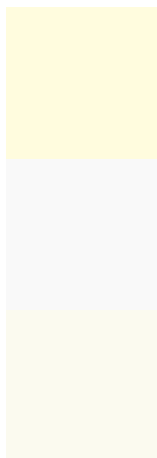
Deuteranomaly

96.4864, 0.3224, 0.3406

Tritanomaly

95.9131, 0.3194, 0.3358

Monochromacy



Original Color

96.1547, 0.3325, 0.3583

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1124, 0.3199, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1547, 0.3325, 0.3583 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, 252, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 222)  
}
```

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, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 222) }
```

Border

The CSS property to change the border of an element to Yxy 96.1547, 0.3325, 0.3583 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, 252, 222) }
```

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

```
.border{ border-color:rgb(255, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1547, 0.3325, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 222) }
```

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

```
.background{ background-color: rgb(255,  
252, 222) }
```

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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