

Converting Colors

$Y_{xy}(100.0000, 0.3689, 0.3652)$

Have a look what the booklet for
Yxy(100.0000, 0.3689, 0.3652)
contains.

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Color

Yxy(92.2865, 0.3425, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CF
RGB	255, 247, 207
RGB Percent	100%, 97%, 81%
CMY	0.0002, 0.0313, 0.1882
CMYK	0.00, 0.03, 0.19, 0.00
HSL	50°, 100%, 91%
HSV	50°, 19%, 100%
XYZ	85.7518, 92.2865, 72.3320
YIQ	244.8320, 17.6080, -10.7440

Conversions

Conversions Part 2

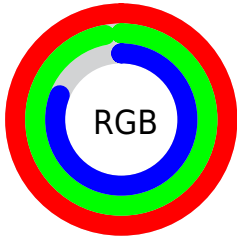
Format	Color
R _Y B	217, 255, 207
Decimal	16775119
CIE Lab	96.94, -3.66, 20.21
CIE LCh	97, 20.538, 100.266
Yxy	92.2865, 0.3425, 0.3686
Android (android.graphics.Color)	4294965199 (0xFFFFF7CF)
YUV	244.8320, -18.6512, 8.9173
Hunter-Lab	96.0659, -8.7798, 22.6042

Details

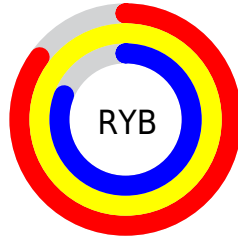
The Yxy color **92.2865, 0.3425, 0.3686** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.0590, 0.2819, 0.2860**, and the grayscale version is **91.3094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5673, 0.3484, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **88.5902, 0.3595, 0.3903**, and if you desaturate by 10%, it is **96.2508, 0.3262, 0.3472**.

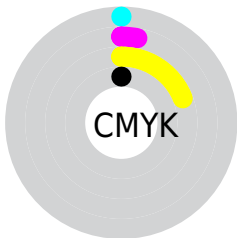
Distribution



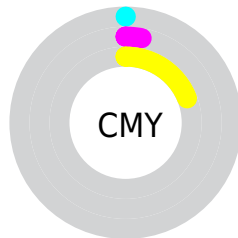
- Red (100%)
- Green (97%)
- Blue (81%)



- Red (85%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2865, 0.3425, 0.3686 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 92.2865, 0.3425, 0.3686 by changing the saturation by 10% instead.


 92.2865, 0.3425,
0.3686

 92.2865, 0.3425,
0.3686

535.4410, 0.3294,
0.3509

 69.8786, 0.3453,
0.3725


150.5104, 0.3381,
0.3626

 51.4276, 0.3488,
0.3772


187.0952, 0.3363,
0.3602

 36.5490, 0.3530,
0.3830


229.1745, 0.3348,
0.3582

 24.8585, 0.3583,
0.3904

277.1325, 0.3335,
0.3564

 15.9717, 0.3651,
0.4001

331.3538, 0.3323,
0.3548

 9.5041, 0.3743,
0.4133

392.2228, 0.3312,

 5.0714, 0.3869,

0.3534

0.4322

460.1237, 0.3303,
0.3521

■ 2.2892, 0.4081,
0.4644

■ 0.7680, 0.4548,
0.5452

■ 92.2865, 0.3425,
0.3686

■ 92.2865, 0.3425,
0.3686

■ 88.5902, 0.3595,
0.3903

■ 96.2508, 0.3262,
0.3472

■ 85.1396, 0.3769,
0.4115

99.9915, 0.3127,
0.3290

■ 81.9279, 0.3939,
0.4314

■ 78.9433, 0.4100,
0.4489

■ 76.1727, 0.4244,
0.4630

■ 73.6012, 0.4364,
0.4729

■ 71.2111, 0.4456,
0.4780

■ 68.9772, 0.4519,
0.4789

■ 68.7166, 0.4526,
0.4788

Harmonies

Analogous

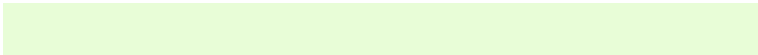
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2865, 0.3558, 0.3588



92.2865, 0.3425, 0.3686



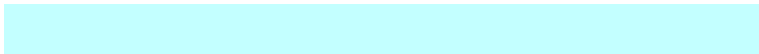
92.2865, 0.3215, 0.3675

Triad

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



92.2865, 0.3425, 0.3686



92.2865, 0.2702, 0.3136



92.2865, 0.3259, 0.3051

Complementary

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



92.2865, 0.3425, 0.3686



69.0590, 0.2819, 0.2860

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.



92.2865, 0.3027, 0.2938



92.2865, 0.3425, 0.3686



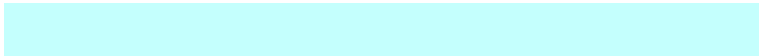
92.2865, 0.2712, 0.2979

Square

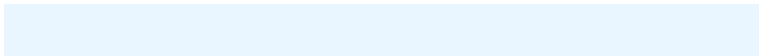
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2865, 0.3425, 0.3686



92.2865, 0.2801, 0.3346



92.2865, 0.2829, 0.2910



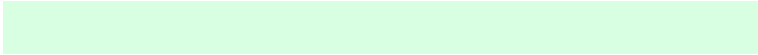
92.2865, 0.3461, 0.3223

Rectangle

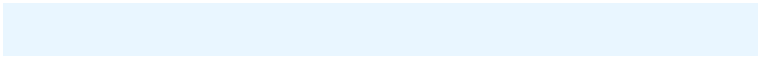
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2865, 0.3425, 0.3686



92.2865, 0.3061, 0.3602



92.2865, 0.2829, 0.2910



92.2865, 0.3182, 0.3005

Sweetspot

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



92.2906, 0.3425, 0.3686



97.4483, 0.3218, 0.3413



70.7899, 0.3437, 0.3210



20.7998, 0.3228, 0.3427



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

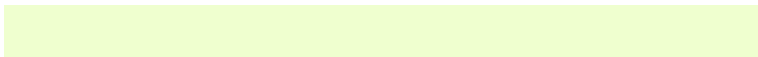
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2906, 0.3425, 0.3686



90.7432, 0.3496, 0.3777



94.3432, 0.3306, 0.3776



20.5486, 0.3273, 0.3487



36.1099, 0.4520, 0.4793



3.6459, 0.4476, 0.4828

Inverse Universe

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



69.0590, 0.2819, 0.2860



63.1732, 0.2743, 0.2751



67.5360, 0.2923, 0.2788



17.8634, 0.2979, 0.3085



4.7872, 0.1539, 0.0742



0.5965, 0.1588, 0.0917

Previews

White Background



This preview shows how the Yxy color 92.2865, 0.3425, 0.3686 looks on a white background.

Color Contrast Check

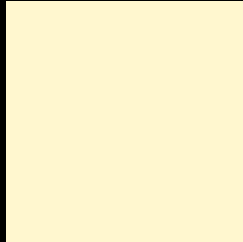
Large Text (above 18pt) WCAG AA × Fail

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 92.2865, 0.3425, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

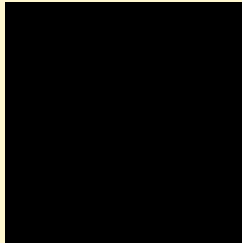
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2865, 0.3425, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 92.2865, 0.3425, 0.3686.

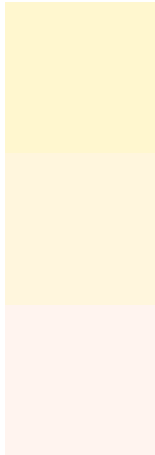


This preview shows how white text looks on a background with the Yxy color 92.2865, 0.3425, 0.3686.

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

92.2865, 0.3425, 0.3686

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

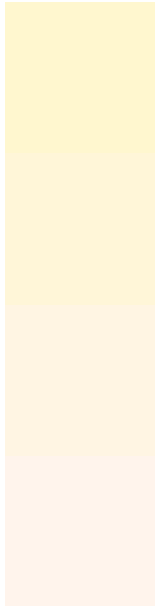
92.1934, 0.3229, 0.3339



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.2865, 0.3425, 0.3686

Protanomaly

92.1294, 0.3371, 0.3586

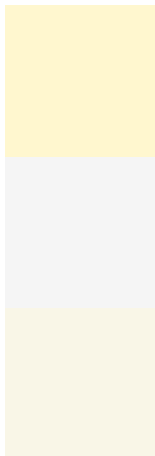
Deuteranomaly

92.1109, 0.3303, 0.3467

Tritanomaly

92.0175, 0.3248, 0.3368

Monochromacy



Original Color

92.2865, 0.3425, 0.3686

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8208, 0.3237, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2865, 0.3425, 0.3686 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, 247, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 207)  
}
```

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, 247, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 207) }
```

Border

The CSS property to change the border of an element to Yxy 92.2865, 0.3425, 0.3686 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, 247, 207) }
```

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

```
.border{ border-color:rgb(255, 247, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2865, 0.3425, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 207) }
```

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

```
.background{ background-color: rgb(255,  
247, 207) }
```

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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