

Converting Colors

$Yxy(92.8797, 0.3355, 0.3705)$

Have a look what the booklet for
Yxy(92.8797, 0.3355, 0.3705)
contains.

Yxy(92.7488, 0.3354, 0.3701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.7488, 0.3354, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAD1
RGB	247, 250, 209
RGB Percent	97%, 98%, 82%
CMY	0.0314, 0.0196, 0.1803
CMYK	0.01, 0.00, 0.16, 0.02
HSL	64°, 80%, 90%
HSV	64°, 16%, 98%
XYZ	84.0528, 92.7488, 73.8031
YIQ	244.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

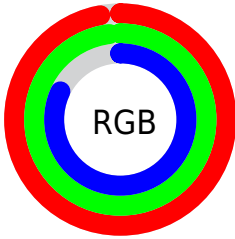
Format	Color
RYP	209, 250, 212
Decimal	16251601
CIELab	97.13, -7.68, 19.36
CIElCh	97, 20.828, 111.649
Yxy	92.7488, 0.3354, 0.3701
Android (android.graphics.Color)	4294441681 (0xFFF7FAD1)
YUV	244.4290, -17.4665, 2.2548
Hunter-Lab	96.3062, -12.7470, 21.9781

Details

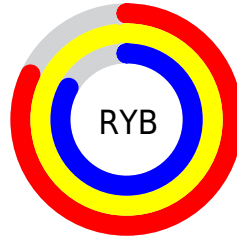
The Yxy color **92.7488, 0.3354, 0.3701** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.5119, 0.2879, 0.2849**, and the grayscale version is **90.9673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8638, 0.3400, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **91.2782, 0.3494, 0.3959**, and if you desaturate by 10%, it is **94.4252, 0.3214, 0.3447**.

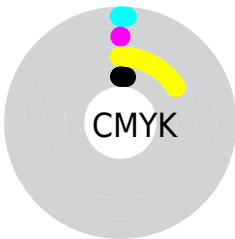
Distribution



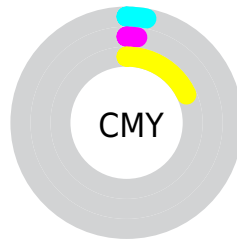
- Red (97%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (3%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7488, 0.3354, 0.3701 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 92.7488, 0.3354, 0.3701 by changing the saturation by 10% instead.

 92.7488, 0.3354,
0.3701

 92.7488, 0.3354,
0.3701


536.9326, 0.3255,
0.3517

 70.2627, 0.3375,
0.3742


151.1508, 0.3321,
0.3638

 51.7408, 0.3401,
0.3791


187.8355, 0.3308,
0.3613

 36.7985, 0.3432,
0.3853


230.0219, 0.3296,
0.3592

 25.0515, 0.3471,
0.3932


278.0943, 0.3286,
0.3573

 16.1154, 0.3521,
0.4037

332.4372, 0.3277,
0.3556

 9.6059, 0.3587,
0.4181

393.4350, 0.3269,

 5.1384, 0.3676,

0.3542

0.4390

461.4720, 0.3262,
0.3528

■ 2.3287, 0.3815,
0.4738

■ 0.7888, 0.4161,
0.5839

■ 92.7488, 0.3354,
0.3701

■ 92.7488, 0.3354,
0.3701

■ 91.2782, 0.3494,
0.3959

■ 94.4252, 0.3214,
0.3447

■ 89.9920, 0.3629,
0.4213

■ 96.0421, 0.3102,
0.3242

■ 88.8846, 0.3755,
0.4453


■ 96.3838, 0.3114,
0.3242

■ 87.9454, 0.3864,
0.4670


■ 96.7288, 0.3125,
0.3242


 87.1624, 0.3952,
0.4852

 96.8547, 0.3129,
0.3242

 86.5225, 0.4015,
0.4994

 86.0098, 0.4051,
0.5090

 85.6049, 0.4063,
0.5143

 85.4745, 0.4063,
0.5156

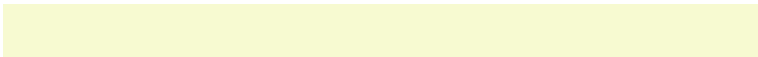
Harmonies

Analogous

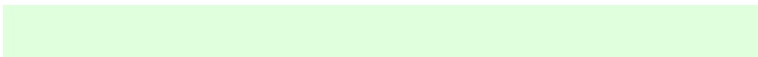
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7488, 0.3525, 0.3640



92.7488, 0.3354, 0.3701



92.7488, 0.3127, 0.3644

Triad

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



92.7488, 0.3354, 0.3701



92.7488, 0.2688, 0.3065



92.7488, 0.3346, 0.3109

Complementary

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



92.7488, 0.3354, 0.3701



66.5119, 0.2879, 0.2849

Split Complementary

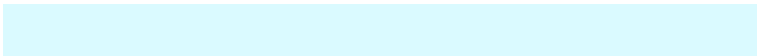
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7488, 0.3114, 0.2968



92.7488, 0.3354, 0.3701



92.7488, 0.2740, 0.2937

Square

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



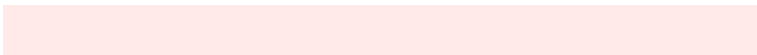
92.7488, 0.3354, 0.3701



92.7488, 0.2747, 0.3263



92.7488, 0.2894, 0.2905



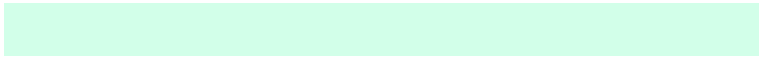
92.7488, 0.3522, 0.3297

Rectangle

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



92.7488, 0.3354, 0.3701



92.7488, 0.2975, 0.3543



92.7488, 0.2894, 0.2905



92.7488, 0.3271, 0.3055

Sweetspot

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



92.7529, 0.3354, 0.3701



99.0289, 0.3195, 0.3413



71.8908, 0.3436, 0.3319



21.1680, 0.3205, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

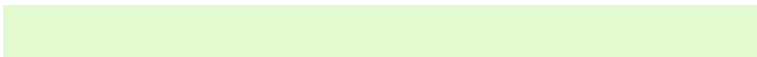
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7529, 0.3354, 0.3701



96.4369, 0.3405, 0.3794



89.2739, 0.3220, 0.3719



20.1222, 0.3257, 0.3525



45.3636, 0.4065, 0.5154



4.2202, 0.4081, 0.5141

Inverse Universe

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



66.5119, 0.2879, 0.2849



63.7782, 0.2817, 0.2739



69.7080, 0.3019, 0.2867



16.7038, 0.2990, 0.3045



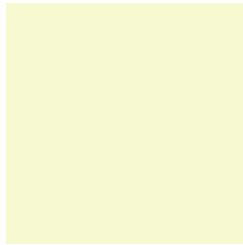
3.7532, 0.1522, 0.0612



0.3681, 0.1575, 0.0641

Previews

White Background



This preview shows how the Yxy color 92.7488, 0.3354, 0.3701 looks on a white background.

Color Contrast Check

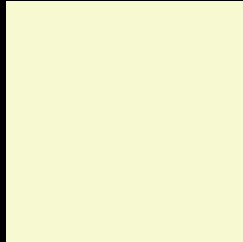
Large Text (above 18pt) WCAG AA × Fail

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 92.7488, 0.3354, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

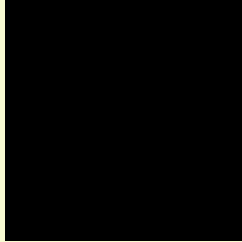
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7488, 0.3354, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 92.7488, 0.3354, 0.3701.

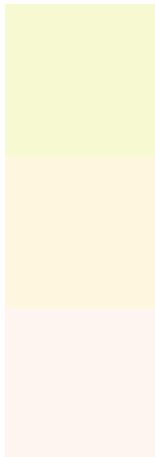


This preview shows how white text looks on a background with the Yxy color 92.7488, 0.3354, 0.3701.

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

92.7488, 0.3354, 0.3701

Protanopia

92.4992, 0.3327, 0.3516

Deuteranopia

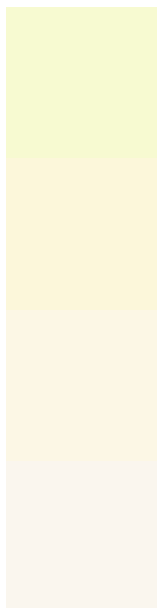
92.8561, 0.3222, 0.3339



Tritanopia

92.4306, 0.3106, 0.3184

Trichromacy



Original Color

92.7488, 0.3354, 0.3701

Protanomaly

92.2789, 0.3336, 0.3577

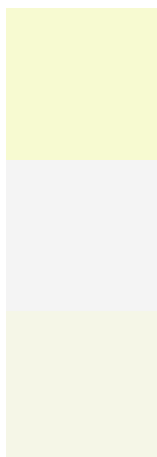
Deuteranomaly

92.8741, 0.3268, 0.3467

Tritanomaly

92.4086, 0.3201, 0.3369

Monochromacy



Original Color

92.7488, 0.3354, 0.3701

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0935, 0.3211, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7488, 0.3354, 0.3701 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(247, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 209)  
}
```

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(247, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 209) }
```

Border

The CSS property to change the border of an element to Yxy 92.7488, 0.3354, 0.3701 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(247, 250, 209) }
```

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

```
.border{ border-color:rgb(247, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7488, 0.3354, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 209) }
```

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

```
.background{ background-color: rgb(247,  
250, 209) }
```

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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