

Converting Colors

$Y_{xy}(100.0000, 0.3993, 0.4146)$

Have a look what the booklet for
Yxy(100.0000, 0.3993, 0.4146)
contains.

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Color

Yxy(92.5875, 0.3737, 0.4241)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB9A
RGB	255, 251, 154
RGB Percent	100%, 98%, 60%
CMY	0.0000, 0.0157, 0.3961
CMYK	0.00, 0.02, 0.40, 0.00
HSL	58°, 100%, 80%
HSV	58°, 40%, 100%
XYZ	81.5844, 92.5875, 44.1433
YIQ	241.1380, 33.5210, -29.3190

Conversions

Conversions Part 2

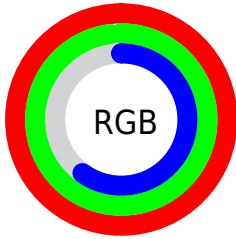
Format	Color
R _Y B	158, 255, 154
Decimal	16776090
CIE Lab	97.06, -12.15, 46.91
CIE LCh	97, 48.454, 104.517
Yxy	92.5875, 0.3737, 0.4241
Android (android.graphics.Color)	4294966170 (0xFFFFFB9A)
YUV	241.1380, -42.9590, 12.1570
Hunter-Lab	96.2224, -17.0438, 40.1556

Details

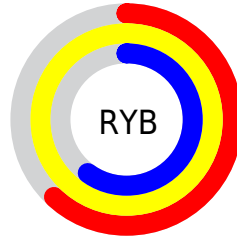
The Yxy color **92.5875, 0.3737, 0.4241** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.5485, 0.2397, 0.2119**, and the grayscale version is **88.3973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **51.8401, 0.3847, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **91.1896, 0.3879, 0.4458**, and if you desaturate by 10%, it is **94.1577, 0.3584, 0.4006**.

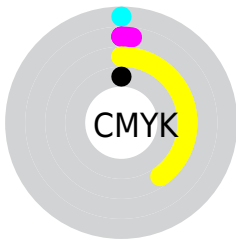
Distribution



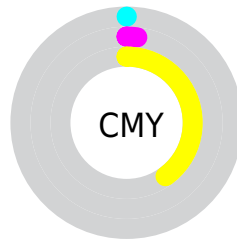
- Red (100%)
- Green (98%)
- Blue (60%)



- Red (62%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5875, 0.3737, 0.4241 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 92.5875, 0.3737, 0.4241 by changing the saturation by 10% instead.


 92.5875, 0.3737,
0.4241

 92.5875, 0.3737,
0.4241


536.4124, 0.3481,
0.3819

 70.1287, 0.3788,
0.4331


 150.9274, 0.3654,
0.4099

 51.6315, 0.3848,
0.4439


 187.5773, 0.3620,
0.4043

 36.7114, 0.3917,
0.4570


229.7263, 0.3590,
0.3993

 24.9841, 0.3996,
0.4731

277.7589, 0.3563,
0.3950

 16.0652, 0.4085,
0.4929

332.0594, 0.3539,
0.3911

 9.5703, 0.4175,
0.5174

393.0122, 0.3518,

 5.1150, 0.4369,

0.3877

0.5631

461.0018, 0.3498,
0.3846

■ 2.3149, 0.4211,
0.5789

■ 0.7816, 0.3635,
0.6365

■ 92.5875, 0.3737,
0.4241

■ 92.5875, 0.3737,
0.4241

■ 91.1896, 0.3879,
0.4458

■ 94.1577, 0.3584,
0.4006

■ 89.9697, 0.4005,
0.4646

■ 95.9281, 0.3427,
0.3762

■ 88.9093, 0.4109,
0.4798

■ 97.9026, 0.3272,
0.3518

■ 87.9937, 0.4187,
0.4906

100.0000, 0.3127,
0.3290

■ 87.2053, 0.4238,
0.4969

■ 86.5167, 0.4265,
0.4994

■ 86.4904, 0.4265,
0.4995

Harmonies

Analogous

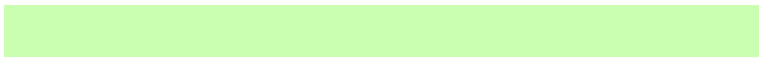
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5875, 0.4101, 0.3989



92.5875, 0.3737, 0.4241



92.5875, 0.3227, 0.4216

Triad

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



92.5875, 0.3737, 0.4241



92.5875, 0.2162, 0.2837



92.5875, 0.3502, 0.2800

Complementary

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



92.5875, 0.3737, 0.4241



38.5485, 0.2397, 0.2119

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.



92.5875, 0.2953, 0.2538



92.5875, 0.3737, 0.4241



92.5875, 0.2219, 0.2531

Square

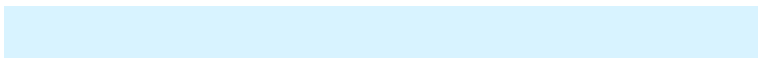
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5875, 0.3737, 0.4241



92.5875, 0.2333, 0.3326



92.5875, 0.2494, 0.2438



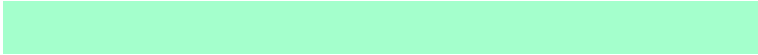
92.5875, 0.3975, 0.3175

Rectangle

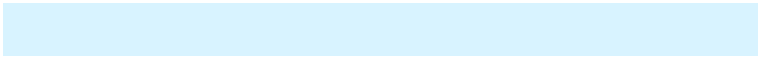
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5875, 0.3737, 0.4241



92.5875, 0.2876, 0.4012



92.5875, 0.2494, 0.2438



92.5875, 0.3318, 0.2698

Sweetspot

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



92.5817, 0.3737, 0.4241



97.4109, 0.3309, 0.3576



46.8774, 0.4082, 0.3240



20.7936, 0.3329, 0.3608



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

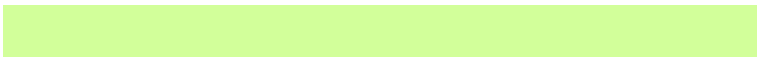
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5817, 0.3737, 0.4241



91.4013, 0.3857, 0.4425



87.4891, 0.3412, 0.4387



20.9597, 0.3270, 0.3516



45.2478, 0.4264, 0.4996



4.4426, 0.4255, 0.5003

Inverse Universe

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



38.5485, 0.2397, 0.2119



30.1962, 0.2217, 0.1826



42.5364, 0.2721, 0.2172



17.4933, 0.2978, 0.3054



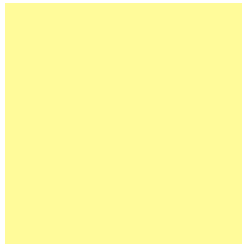
3.9374, 0.1507, 0.0624



0.4223, 0.1522, 0.0680

Previews

White Background



This preview shows how the Yxy color 92.5875, 0.3737, 0.4241 looks on a white background.

Color Contrast Check

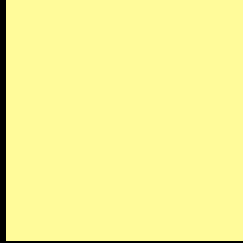
Large Text (above 18pt) WCAG AA × Fail

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 92.5875, 0.3737, 0.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

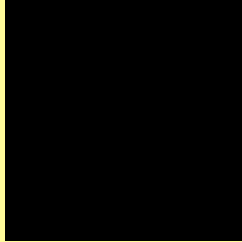
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5875, 0.3737, 0.4241

Background



This preview shows how black text looks on a background with the Yxy color 92.5875, 0.3737, 0.4241.

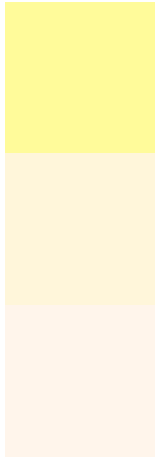


This preview shows how white text looks on a background with the Yxy color 92.5875, 0.3737, 0.4241.

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

92.5875, 0.3737, 0.4241

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.5875, 0.3737, 0.4241



Protanomaly

92.3349, 0.3499, 0.3816



Deuteranomaly

92.2378, 0.3432, 0.3696



Tritanomaly

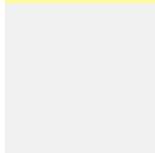
92.1294, 0.3371, 0.3586

Monochromacy



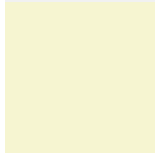
Original Color

92.5875, 0.3737, 0.4241



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.5011, 0.3355, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5875, 0.3737, 0.4241 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, 251, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 154)  
}
```

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, 251, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 154) }
```

Border

The CSS property to change the border of an element to Yxy 92.5875, 0.3737, 0.4241 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, 251, 154) }
```

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

```
.border{ border-color:rgb(255, 251, 154) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5875, 0.3737, 0.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 154) }
```

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

```
.background{ background-color: rgb(255,  
251, 154) }
```

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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