

Converting Colors

$Y_{xy}(100.0000, 0.3764, 0.3799)$

Have a look what the booklet for
Yxy(100.0000, 0.3764, 0.3799)
contains.

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Color

Yxy(92.2006, 0.3517, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C0
RGB	255, 248, 192
RGB Percent	100%, 97%, 75%
CMY	0.0001, 0.0274, 0.2471
CMYK	0.00, 0.03, 0.25, 0.00
HSL	53°, 100%, 88%
HSV	53°, 25%, 100%
XYZ	84.3134, 92.2006, 63.2171
YIQ	243.7090, 22.1480, -15.9320

Conversions

Conversions Part 2

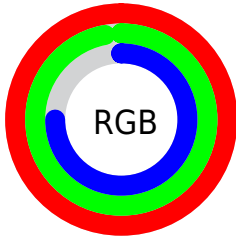
Format	Color
R _Y B	200, 255, 192
Decimal	16775360
CIE Lab	96.90, -6.23, 27.81
CIE LCh	97, 28.499, 102.618
Yxy	92.2006, 0.3517, 0.3846
Android (android.graphics.Color)	4294965440 (0xFFFFF8C0)
YUV	243.7090, -25.4925, 9.9022
Hunter-Lab	96.0211, -11.3012, 28.1803

Details

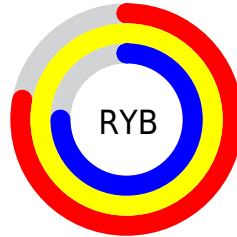
The Yxy color **92.2006, 0.3517, 0.3846** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2480, 0.2708, 0.2665**, and the grayscale version is **90.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **51.5400, 0.3600, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **89.4517, 0.3682, 0.4073**, and if you desaturate by 10%, it is **95.1797, 0.3354, 0.3617**.

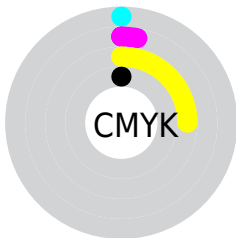
Distribution



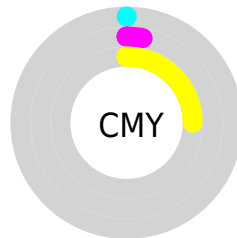
- Red (100%)
- Green (97%)
- Blue (75%)



- Red (78%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2006, 0.3517, 0.3846 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 92.2006, 0.3517, 0.3846 by changing the saturation by 10% instead.


 92.2006, 0.3517,
0.3846

 92.2006, 0.3517,
0.3846

535.1636, 0.3347,
0.3598

 69.8073, 0.3553,
0.3900

 150.3914, 0.3460,
0.3762

 51.3694, 0.3597,
0.3966

186.9576, 0.3437,
0.3728

 36.5027, 0.3650,
0.4048


229.0169, 0.3418,
0.3699

 24.8227, 0.3715,
0.4151

276.9537, 0.3400,
0.3674

 15.9450, 0.3798,
0.4284

331.1524, 0.3385,
0.3652

 9.4852, 0.3904,
0.4463

391.9973, 0.3371,

 5.0590, 0.4041,

0.3632

0.4712

459.8730, 0.3358,
0.3614

■ 2.2819, 0.4439,
0.5343

■ 0.7641, 0.4291,
0.5709

■ 92.2006, 0.3517,
0.3846

■ 92.2006, 0.3517,
0.3846

■ 89.4517, 0.3682,
0.4073

■ 95.1797, 0.3354,
0.3617

■ 86.9102, 0.3844,
0.4288

■ 98.3859, 0.3198,
0.3393

■ 84.5693, 0.3995,
0.4482

99.9948, 0.3127,
0.3290

■ 82.4167, 0.4131,
0.4645

■ 80.4385, 0.4243,
0.4768

■ 78.6187, 0.4328,
0.4846

■ 76.9375, 0.4384,
0.4880

■ 76.0879, 0.4406,
0.4884

Harmonies

Analogous

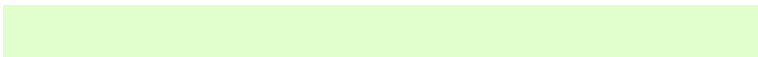
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2006, 0.3716, 0.3711



92.2006, 0.3517, 0.3846



92.2006, 0.3219, 0.3824

Triad

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



92.2006, 0.3517, 0.3846



92.2006, 0.2540, 0.3050



92.2006, 0.3333, 0.2979

Complementary

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



92.2006, 0.3517, 0.3846



59.2480, 0.2708, 0.2665

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.



92.2006, 0.3010, 0.2818



92.2006, 0.3517, 0.3846



92.2006, 0.2566, 0.2846

Square

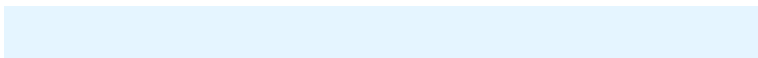
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2006, 0.3517, 0.3846



92.2006, 0.2661, 0.3341



92.2006, 0.2733, 0.2768



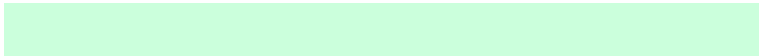
92.2006, 0.3610, 0.3215

Rectangle

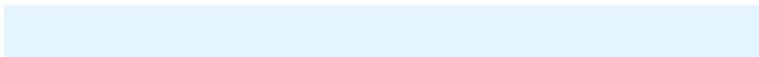
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2006, 0.3517, 0.3846



92.2006, 0.3007, 0.3713



92.2006, 0.2733, 0.2768



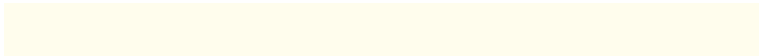
92.2006, 0.3226, 0.2915

Sweetspot

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



92.2047, 0.3517, 0.3846



97.6516, 0.3233, 0.3443



63.0908, 0.3589, 0.3215



20.8593, 0.3242, 0.3457



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

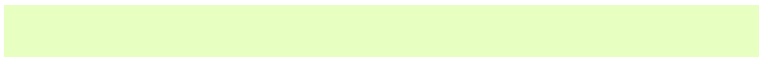
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2047, 0.3517, 0.3846



90.7410, 0.3604, 0.3967



92.2686, 0.3341, 0.3943



20.7277, 0.3272, 0.3499



39.9049, 0.4402, 0.4887



3.9791, 0.4375, 0.4908

Inverse Universe

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



59.2480, 0.2708, 0.2665



52.2638, 0.2605, 0.2508



59.5345, 0.2869, 0.2618



17.7006, 0.2979, 0.3072



4.3136, 0.1521, 0.0676



0.5202, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 92.2006, 0.3517, 0.3846 looks on a white background.

Color Contrast Check

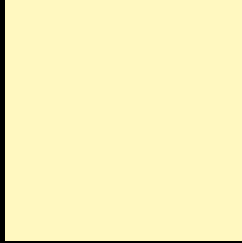
Large Text (above 18pt) WCAG AA × Fail

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 92.2006, 0.3517, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

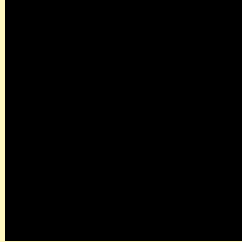
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2006, 0.3517, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 92.2006, 0.3517, 0.3846.

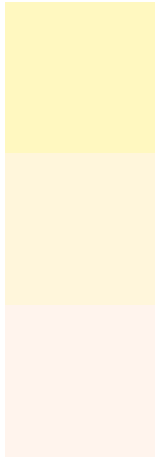


This preview shows how white text looks on a background with the Yxy color 92.2006, 0.3517, 0.3846.

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

92.2006, 0.3517, 0.3846

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

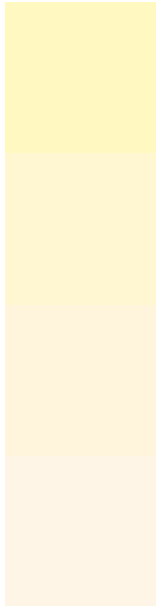
92.0758, 0.3242, 0.3358



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.2006, 0.3517, 0.3846

Protanomaly

92.3850, 0.3413, 0.3666

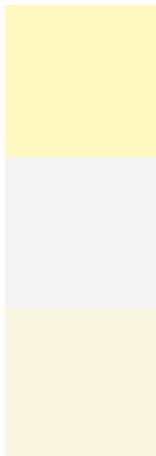
Deuteranomaly

91.7853, 0.3341, 0.3527

Tritanomaly

92.2780, 0.3284, 0.3437

Monochromacy



Original Color

92.2006, 0.3517, 0.3846

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6975, 0.3269, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2006, 0.3517, 0.3846 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, 248, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 192)  
}
```

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, 248, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 192) }
```

Border

The CSS property to change the border of an element to Yxy 92.2006, 0.3517, 0.3846 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, 248, 192) }
```

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

```
.border{ border-color:rgb(255, 248, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2006, 0.3517, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 192) }
```

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

```
.background{ background-color: rgb(255,  
248, 192) }
```

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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