

Converting Colors

$Y_{xy}(100.0000, 0.3796, 0.3836)$

Have a look what the booklet for
Yxy(100.0000, 0.3796, 0.3836)
contains.

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Color

Yxy(92.0256, 0.3542, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8BC
RGB	255, 248, 188
RGB Percent	100%, 97%, 74%
CMY	0.0001, 0.0274, 0.2628
CMYK	0.00, 0.03, 0.26, 0.00
HSL	54°, 100%, 87%
HSV	54°, 26%, 100%
XYZ	83.8792, 92.0256, 60.9083
YIQ	243.2530, 23.4320, -17.1760

Conversions

Conversions Part 2

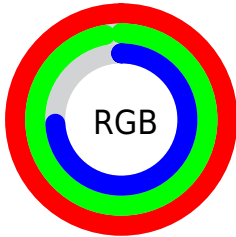
Format	Color
R _Y B	196, 255, 188
Decimal	16775356
CIE Lab	96.83, -6.74, 29.74
CIE LCh	97, 30.499, 102.774
Yxy	92.0256, 0.3542, 0.3886
Android (android.graphics.Color)	4294965436 (0xFFFFF8BC)
YUV	243.2530, -27.2397, 10.3021
Hunter-Lab	95.9300, -11.8007, 29.5063

Details

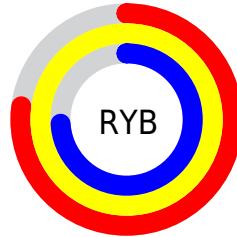
The Yxy color **92.0256, 0.3542, 0.3886** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.9203, 0.2677, 0.2614**, and the grayscale version is **90.0470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **51.4263, 0.3631, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **89.4047, 0.3706, 0.4113**, and if you desaturate by 10%, it is **94.8722, 0.3379, 0.3655**.

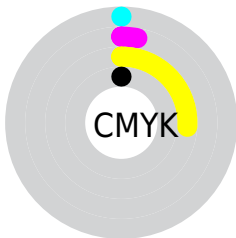
Distribution



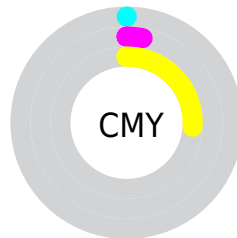
- Red (100%)
- Green (97%)
- Blue (74%)



- Red (77%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0256, 0.3542, 0.3886 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 92.0256, 0.3542, 0.3886 by changing the saturation by 10% instead.

 92.0256, 0.3542,
0.3886

 92.0256, 0.3542,
0.3886


534.5983, 0.3361,
0.3620

 69.6619, 0.3580,
0.3944

 150.1489, 0.3482,
0.3796

 51.2509, 0.3626,
0.4015

186.6772, 0.3458,
0.3760

 36.4084, 0.3682,
0.4102


228.6959, 0.3436,
0.3729

 24.7497, 0.3750,
0.4212

276.5893, 0.3418,
0.3702

 15.8907, 0.3837,
0.4354

330.7419, 0.3401,
0.3678

 9.4468, 0.3946,
0.4543

391.5380, 0.3387,

 5.0338, 0.4083,

0.3656

0.4803

459.3620, 0.3373,
0.3637

■ 2.2671, 0.4508,
0.5492

■ 0.7562, 0.4229,
0.5771

■ 92.0256, 0.3542,
0.3886

■ 92.0256, 0.3542,
0.3886

■ 89.4047, 0.3706,
0.4113

■ 94.8722, 0.3379,
0.3655

■ 86.9868, 0.3865,
0.4327

■ 97.9417, 0.3222,
0.3428

■ 84.7647, 0.4013,
0.4517

99.9975, 0.3127,
0.3290

■ 82.7260, 0.4143,
0.4675

■ 80.8566, 0.4249,
0.4792

■ 79.1400, 0.4328,
0.4864

■ 77.5556, 0.4378,
0.4891

■ 76.9881, 0.4393,
0.4894

Harmonies

Analogous

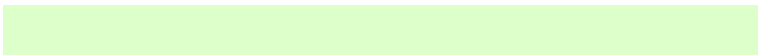
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0256, 0.3757, 0.3740



92.0256, 0.3542, 0.3886



92.0256, 0.3222, 0.3863

Triad

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



92.0256, 0.3542, 0.3886



92.0256, 0.2500, 0.3030



92.0256, 0.3349, 0.2959

Complementary

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



92.0256, 0.3542, 0.3886



56.9203, 0.2677, 0.2614

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.



92.0256, 0.3003, 0.2788



92.0256, 0.3542, 0.3886



92.0256, 0.2529, 0.2814

Square

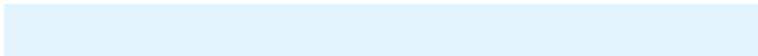
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0256, 0.3542, 0.3886



92.0256, 0.2628, 0.3342



92.0256, 0.2707, 0.2733



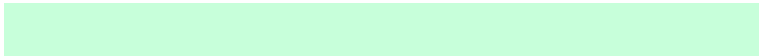
92.0256, 0.3646, 0.3210

Rectangle

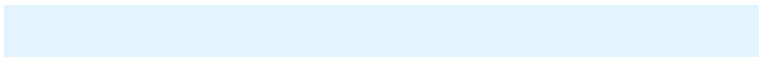
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0256, 0.3542, 0.3886



92.0256, 0.2996, 0.3744



92.0256, 0.2707, 0.2733



92.0256, 0.3234, 0.2891

Sweetspot

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



92.0297, 0.3542, 0.3886



97.4076, 0.3248, 0.3467



61.1935, 0.3628, 0.3210



20.7485, 0.3272, 0.3501



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

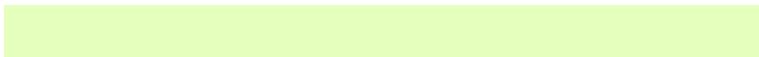
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0297, 0.3542, 0.3886



90.5120, 0.3636, 0.4017



91.8496, 0.3354, 0.3988



20.7485, 0.3272, 0.3501



40.3635, 0.4389, 0.4897



4.0191, 0.4364, 0.4917

Inverse Universe

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



56.9203, 0.2677, 0.2614



49.5627, 0.2565, 0.2441



57.4250, 0.2850, 0.2570



17.6819, 0.2979, 0.3070



4.2697, 0.1520, 0.0670



0.5114, 0.1557, 0.0804

Previews

White Background



This preview shows how the Yxy color 92.0256, 0.3542, 0.3886 looks on a white background.

Color Contrast Check

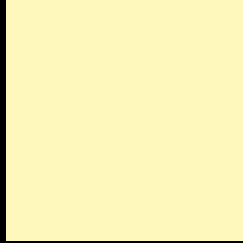
Large Text (above 18pt) WCAG AA × Fail

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 92.0256, 0.3542, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

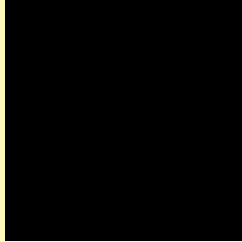
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.0256, 0.3542, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 92.0256, 0.3542, 0.3886.

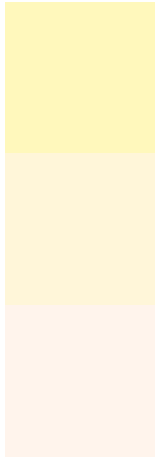


This preview shows how white text looks on a background with the Yxy color 92.0256, 0.3542, 0.3886.

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

92.0256, 0.3542, 0.3886

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

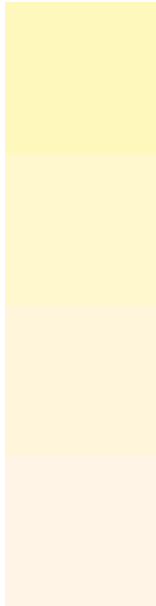
92.0175, 0.3248, 0.3368



Tritanopia

91.7925, 0.3151, 0.3194

Trichromacy



Original Color

92.0256, 0.3542, 0.3886

Protanomaly

92.2378, 0.3432, 0.3696

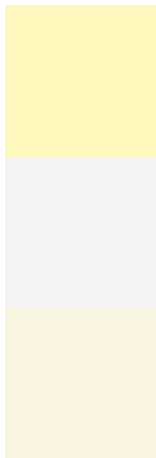
Deuteranomaly

91.6793, 0.3353, 0.3547

Tritanomaly

91.6185, 0.3292, 0.3437

Monochromacy



Original Color

92.0256, 0.3542, 0.3886

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.4067, 0.3274, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0256, 0.3542, 0.3886 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 188) }
```

Border

The CSS property to change the border of an element to Yxy 92.0256, 0.3542, 0.3886 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, 188) }
```

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

```
.border{ border-color:rgb(255, 248, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0256, 0.3542, 0.3886 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
248, 188) }
```

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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