

Converting Colors

$Y_{xy}(100.0000, 0.3802, 0.3825)$

Have a look what the booklet for
Yxy(100.0000, 0.3802, 0.3825)
contains.

Yxy(92.0689, 0.3536, 0.3876)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.0689, 0.3536, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8BD
RGB	255, 248, 189
RGB Percent	100%, 97%, 74%
CMY	0.0000, 0.0274, 0.2589
CMYK	0.00, 0.03, 0.26, 0.00
HSL	54°, 100%, 87%
HSV	54°, 26%, 100%
XYZ	83.9927, 92.0689, 61.4743
YIQ	243.3670, 23.1110, -16.8650

Conversions

Conversions Part 2

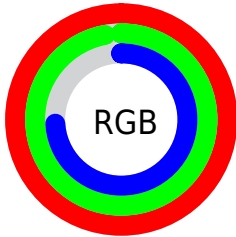
Format	Color
RYB	197, 255, 189
Decimal	16775357
CIELab	96.85, -6.60, 29.27
CIELCh	97, 30.002, 102.716
Yxy	92.0689, 0.3536, 0.3876
Android (android.graphics.Color)	4294965437 (0xFFFFF8BD)
YUV	243.3670, -26.8029, 10.2021
Hunter-Lab	95.9525, -11.6658, 29.1812

Details

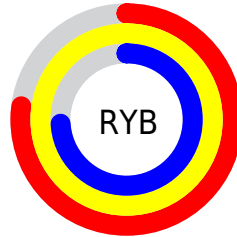
The Yxy color **92.0689, 0.3536, 0.3876** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.5031, 0.2685, 0.2627**, and the grayscale version is **90.1391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **51.4543, 0.3623, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **89.4106, 0.3700, 0.4103**, and if you desaturate by 10%, it is **94.9510, 0.3373, 0.3646**.

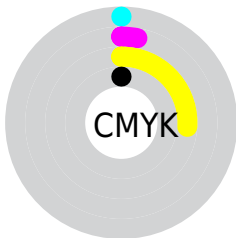
Distribution



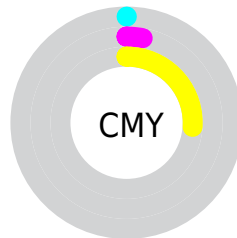
- Red (100%)
- Green (97%)
- Blue (74%)



- 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 92.0689, 0.3536, 0.3876 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 92.0689, 0.3536, 0.3876 by changing the saturation by 10% instead.

 92.0689, 0.3536,
0.3876

 92.0689, 0.3536,
0.3876


534.7382, 0.3358,
0.3614

 69.6979, 0.3574,
0.3933


 150.2089, 0.3476,
0.3787

 51.2803, 0.3619,
0.4003


186.7466, 0.3453,
0.3752

 36.4317, 0.3674,
0.4088

228.7754, 0.3432,
0.3722

 24.7678, 0.3742,
0.4196

276.6795, 0.3414,
0.3695

 15.9041, 0.3827,
0.4336

330.8435, 0.3397,
0.3671

 9.4563, 0.3936,
0.4523

391.6516, 0.3383,

 5.0400, 0.4073,

0.3650

0.4780

459.4884, 0.3370,
0.3631

■ 2.2708, 0.4516,
0.5484

■ 0.7582, 0.4246,
0.5754

■ 92.0689, 0.3536,
0.3876

■ 92.0689, 0.3536,
0.3876

■ 89.4106, 0.3700,
0.4103

■ 94.9510, 0.3373,
0.3646

■ 86.9581, 0.3860,
0.4317

■ 98.0587, 0.3216,
0.3419

■ 84.7027, 0.4009,
0.4508

100.0000, 0.3127,
0.3290

■ 82.6321, 0.4141,
0.4668

■ 80.7321, 0.4248,
0.4786

■ 78.9864, 0.4328,
0.4859

■ 77.3747, 0.4381,
0.4888

■ 76.7391, 0.4397,
0.4891

Harmonies

Analogous

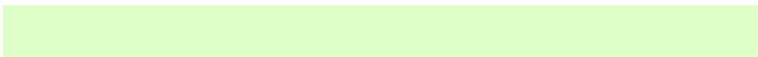
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0689, 0.3747, 0.3733



92.0689, 0.3536, 0.3876



92.0689, 0.3222, 0.3853

Triad

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



92.0689, 0.3536, 0.3876



92.0689, 0.2510, 0.3035



92.0689, 0.3345, 0.2964

Complementary

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



92.0689, 0.3536, 0.3876



57.5031, 0.2685, 0.2627

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.



92.0689, 0.3005, 0.2795



92.0689, 0.3536, 0.3876



92.0689, 0.2538, 0.2822

Square

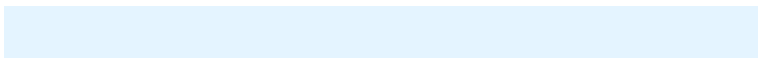
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0689, 0.3536, 0.3876



92.0689, 0.2637, 0.3342



92.0689, 0.2713, 0.2742



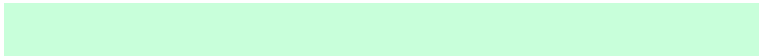
92.0689, 0.3637, 0.3211

Rectangle

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



92.0689, 0.3536, 0.3876



92.0689, 0.2999, 0.3736



92.0689, 0.2713, 0.2742



92.0689, 0.3232, 0.2897

Sweetspot

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



92.0715, 0.3536, 0.3876



97.3839, 0.3248, 0.3467



61.6621, 0.3618, 0.3211



20.7425, 0.3272, 0.3500



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

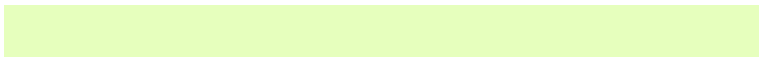
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0715, 0.3536, 0.3876



90.6854, 0.3620, 0.3993



91.9651, 0.3350, 0.3977



20.7425, 0.3272, 0.3500



40.2306, 0.4393, 0.4894



4.0075, 0.4367, 0.4915

Inverse Universe

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



57.5031, 0.2685, 0.2627



50.8602, 0.2585, 0.2473



57.9448, 0.2854, 0.2582



17.6873, 0.2979, 0.3070



4.2822, 0.1520, 0.0672



0.5139, 0.1558, 0.0807

Previews

White Background



This preview shows how the Yxy color 92.0689, 0.3536, 0.3876 looks on a white background.

Color Contrast Check

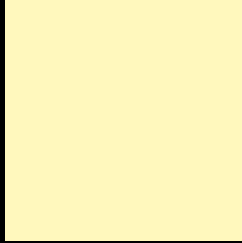
Large Text (above 18pt) WCAG AA × Fail

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 92.0689, 0.3536, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

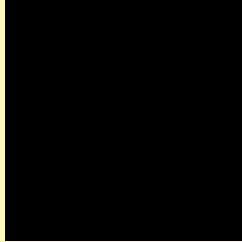
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.0689, 0.3536, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 92.0689, 0.3536, 0.3876.

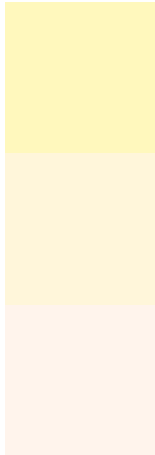


This preview shows how white text looks on a background with the Yxy color 92.0689, 0.3536, 0.3876.

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

92.0689, 0.3536, 0.3876

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

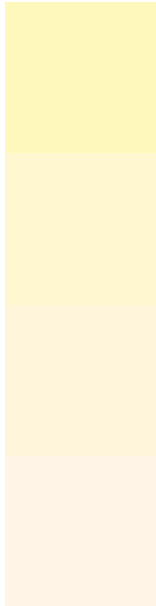
92.0175, 0.3248, 0.3368



Tritanopia

91.7925, 0.3151, 0.3194

Trichromacy



Original Color

92.0689, 0.3536, 0.3876

Protanomaly

92.2865, 0.3425, 0.3686

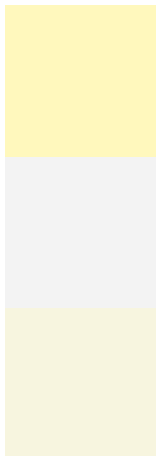
Deuteranomaly

91.6793, 0.3353, 0.3547

Tritanomaly

91.6185, 0.3292, 0.3437

Monochromacy



Original Color

92.0689, 0.3536, 0.3876

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 92.0689, 0.3536, 0.3876 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 189) }
```

Border

The CSS property to change the border of an element to Yxy 92.0689, 0.3536, 0.3876 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, 189) }
```

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

```
.border{ border-color:rgb(255, 248, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0689, 0.3536, 0.3876 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
248, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor