

Converting Colors

$Y_{xy}(100.0000, 0.3867, 0.3868)$

Have a look what the booklet for
Yxy(100.0000, 0.3867, 0.3868)
contains.

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Color

Yxy(91.1589, 0.3582, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7B6
RGB	255, 247, 182
RGB Percent	100%, 97%, 71%
CMY	0.0000, 0.0314, 0.2862
CMYK	0.00, 0.03, 0.29, 0.00
HSL	53°, 100%, 86%
HSV	53°, 29%, 100%
XYZ	82.9602, 91.1589, 57.4838
YIQ	241.9820, 25.6330, -18.5190

Conversions

Conversions Part 2

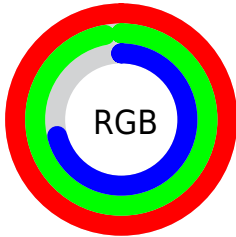
Format	Color
R _Y B	191, 255, 182
Decimal	16775094
CIE Lab	96.48, -6.97, 32.28
CIE LCh	96, 33.024, 102.185
Yxy	91.1589, 0.3582, 0.3936
Android (android.graphics.Color)	4294965174 (0xFFFFF7B6)
YUV	241.9820, -29.5711, 11.4168
Hunter-Lab	95.4772, -11.9863, 31.1374

Details

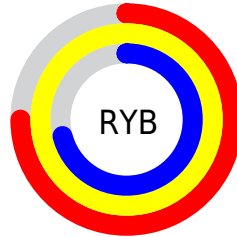
The Yxy color **91.1589, 0.3582, 0.3936** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.0032, 0.2632, 0.2549**, and the grayscale version is **88.9960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **50.7169, 0.3664, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **88.4932, 0.3746, 0.4160**, and if you desaturate by 10%, it is **94.0293, 0.3417, 0.3707**.

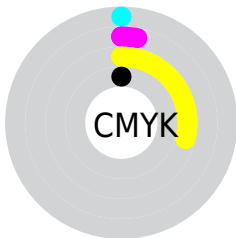
Distribution



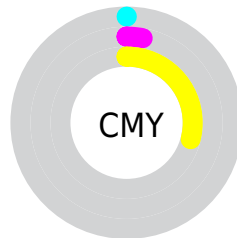
- Red (100%)
- Green (97%)
- Blue (71%)



- Red (75%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1589, 0.3582, 0.3936 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 91.1589, 0.3582, 0.3936 by changing the saturation by 10% instead.

 91.1589, 0.3582,
0.3936

 91.1589, 0.3582,
0.3936

531.7935, 0.3384,
0.3647

 68.9422, 0.3624,
0.3999


 148.9471, 0.3516,
0.3838

 50.6647, 0.3674,
0.4075


185.2875, 0.3490,
0.3799

 35.9418, 0.3734,
0.4169


227.1045, 0.3467,
0.3766

 24.3893, 0.3808,
0.4287

274.7826, 0.3446,
0.3736

 15.6226, 0.3900,
0.4439

328.7061, 0.3428,
0.3710

 9.2575, 0.4015,
0.4640

389.2595, 0.3412,

 4.9095, 0.4154,

0.3687

0.4911

456.8272, 0.3397,
0.3666

■ 2.1943, 0.4492,
0.5508

■ 0.7169, 0.4163,
0.5837

■ 91.1589, 0.3582,
0.3936

■ 91.1589, 0.3582,
0.3936

■ 88.4932, 0.3746,
0.4160

■ 94.0293, 0.3417,
0.3707

■ 86.0412, 0.3904,
0.4368

■ 97.1336, 0.3258,
0.3480

■ 83.7847, 0.4050,
0.4551

100.0000, 0.3127,
0.3290

■ 81.7111, 0.4177,
0.4700

■ 79.8056, 0.4279,
0.4805

■ 78.0510, 0.4352,
0.4866

■ 76.4228, 0.4399,
0.4884

■ 76.2040, 0.4405,
0.4885

Harmonies

Analogous

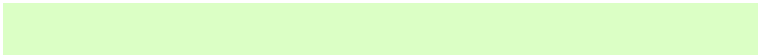
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1589, 0.3813, 0.3771



91.1589, 0.3582, 0.3936



91.1589, 0.3236, 0.3918

Triad

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



91.1589, 0.3582, 0.3936



91.1589, 0.2451, 0.3012



91.1589, 0.3360, 0.2928

Complementary

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



91.1589, 0.3582, 0.3936



54.0032, 0.2632, 0.2549

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.



91.1589, 0.2984, 0.2746



91.1589, 0.3582, 0.3936



91.1589, 0.2478, 0.2777

Square

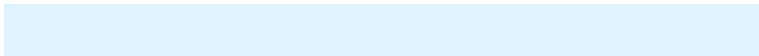
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1589, 0.3582, 0.3936



91.1589, 0.2591, 0.3352



91.1589, 0.2667, 0.2688



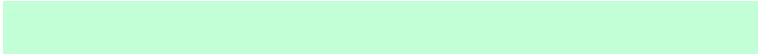
91.1589, 0.3686, 0.3196

Rectangle

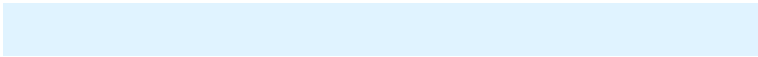
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1589, 0.3582, 0.3936



91.1589, 0.2990, 0.3791



91.1589, 0.2667, 0.2688



91.1589, 0.3234, 0.2855

Sweetspot

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



91.1524, 0.3582, 0.3936



97.0123, 0.3264, 0.3488



58.4613, 0.3688, 0.3203



20.6651, 0.3287, 0.3521



0.0000, 0.0000, 0.0000



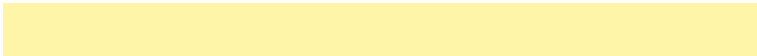
21.4041, 0.3127, 0.3290

Same Dimension

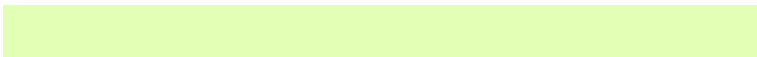
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1524, 0.3582, 0.3936



89.6962, 0.3670, 0.4058



91.2322, 0.3373, 0.4055



20.7300, 0.3272, 0.3500



39.9551, 0.4401, 0.4888



3.9835, 0.4374, 0.4909

Inverse Universe

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



54.0032, 0.2632, 0.2549



47.3456, 0.2525, 0.2384



54.3808, 0.2820, 0.2499



17.6986, 0.2979, 0.3071



4.3086, 0.1521, 0.0676



0.5192, 0.1560, 0.0815

Previews

White Background



This preview shows how the Yxy color 91.1589, 0.3582, 0.3936 looks on a white background.

Color Contrast Check

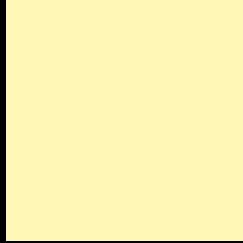
Large Text (above 18pt) WCAG AA × Fail

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 91.1589, 0.3582, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

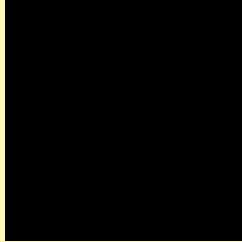
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.1589, 0.3582, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 91.1589, 0.3582, 0.3936.

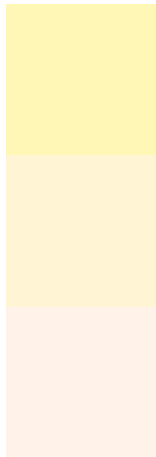


This preview shows how white text looks on a background with the Yxy color 91.1589, 0.3582, 0.3936.

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

91.1589, 0.3582, 0.3936

Protanopia

91.3183, 0.3397, 0.3617

Deuteranopia

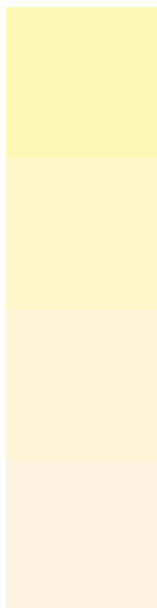
91.2444, 0.3268, 0.3388



Tritanopia

91.1356, 0.3158, 0.3194

Trichromacy



Original Color

91.1589, 0.3582, 0.3936

Protanomaly

91.3886, 0.3465, 0.3737

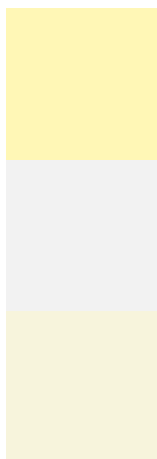
Deuteranomaly

90.8164, 0.3386, 0.3587

Tritanomaly

90.8522, 0.3312, 0.3457

Monochromacy



Original Color

91.1589, 0.3582, 0.3936

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.6428, 0.3294, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1589, 0.3582, 0.3936 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, 247, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 182)  
}
```

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, 247, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 182) }
```

Border

The CSS property to change the border of an element to Yxy 91.1589, 0.3582, 0.3936 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, 247, 182) }
```

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

```
.border{ border-color:rgb(255, 247, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1589, 0.3582, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 182) }
```

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

```
.background{ background-color: rgb(255,  
247, 182) }
```

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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