

Converting Colors

$Y_{xy}(123.8624, 0.4306, 0.3611)$

Have a look what the booklet for
Yxy(123.8624, 0.4306, 0.3611)
contains.

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Color

Yxy(91.3886, 0.3465, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6C9
RGB	255, 246, 201
RGB Percent	100%, 96%, 79%
CMY	0.0000, 0.0353, 0.2118
CMYK	0.00, 0.04, 0.21, 0.00
HSL	50°, 100%, 89%
HSV	50°, 21%, 100%
XYZ	84.7368, 91.3886, 68.4253
YIQ	243.5610, 19.8090, -12.0870

Conversions

Conversions Part 2

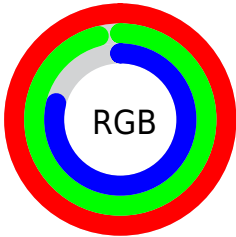
Format	Color
R_{YB}	212, 255, 201
Decimal	16774857
CIE _{Lab}	96.57, -3.99, 22.78
CIE _{LCh}	97, 23.123, 99.937
Yxy	91.3886, 0.3465, 0.3737
Android (android.graphics.Color)	4294964937 (0xFFFFF6C9)
YUV	243.5610, -20.9826, 10.0320
Hunter-Lab	95.5974, -9.0743, 24.4804

Details

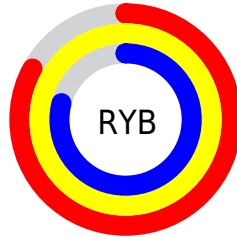
The Yxy color **91.3886, 0.3465, 0.3737** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.7204, 0.2776, 0.2800**, and the grayscale version is **90.2586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9393, 0.3535, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **87.7374, 0.3636, 0.3953**, and if you desaturate by 10%, it is **95.3062, 0.3300, 0.3522**.

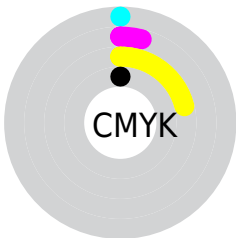
Distribution



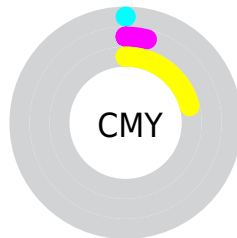
- Red (100%)
- Green (96%)
- Blue (79%)



- Red (83%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3886, 0.3465, 0.3737 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 91.3886, 0.3465, 0.3737 by changing the saturation by 10% instead.

 91.3886, 0.3465,
0.3737

 91.3886, 0.3465,
0.3737


532.5376, 0.3316,
0.3537

 69.1329, 0.3497,
0.3781


149.2657, 0.3415,
0.3669

 50.8200, 0.3536,
0.3834


185.6560, 0.3395,
0.3642

 36.0653, 0.3583,
0.3900


227.5265, 0.3378,
0.3619

 24.4847, 0.3643,
0.3983

275.2617, 0.3362,
0.3599

 15.6935, 0.3720,
0.4093

329.2461, 0.3349,
0.3581

 9.3076, 0.3821,
0.4241

389.8639, 0.3337,

 4.9423, 0.3960,

0.3565

0.4450

457.4996, 0.3326,
0.3550

■ 2.2135, 0.4243,
0.4867

■ 0.7273, 0.4495,
0.5505

■ 91.3886, 0.3465,
0.3737

■ 91.3886, 0.3465,
0.3737

■ 87.7374, 0.3636,
0.3953

■ 95.3062, 0.3300,
0.3522

■ 84.3301, 0.3810,
0.4163

■ 99.4875, 0.3145,
0.3314

■ 81.1599, 0.3979,
0.4357

■ 99.9997, 0.3127,
0.3290

■ 78.2145, 0.4137,
0.4525

■ 75.4804, 0.4276,
0.4656

■ 72.9422, 0.4390,
0.4744

■ 70.5815, 0.4475,
0.4784

■ 68.6214, 0.4528,
0.4786

Harmonies

Analogous

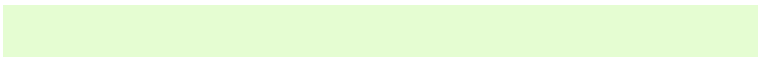
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3886, 0.3615, 0.3623



91.3886, 0.3465, 0.3737



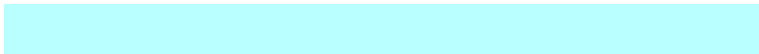
91.3886, 0.3228, 0.3728

Triad

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



91.3886, 0.3465, 0.3737



91.3886, 0.2650, 0.3117



91.3886, 0.3273, 0.3020

Complementary

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



91.3886, 0.3465, 0.3737



65.7204, 0.2776, 0.2800

Split Complementary

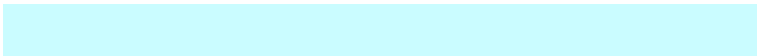
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3886, 0.3011, 0.2894



91.3886, 0.3465, 0.3737



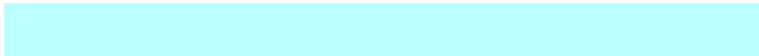
91.3886, 0.2660, 0.2940

Square

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



91.3886, 0.3465, 0.3737



91.3886, 0.2761, 0.3356



91.3886, 0.2789, 0.2863



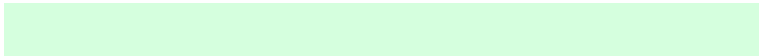
91.3886, 0.3503, 0.3212

Rectangle

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



91.3886, 0.3465, 0.3737



91.3886, 0.3054, 0.3646



91.3886, 0.2789, 0.2863



91.3886, 0.3185, 0.2969

Sweetspot

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



91.3927, 0.3465, 0.3737



97.4391, 0.3218, 0.3413



67.6817, 0.3486, 0.3199



20.7976, 0.3228, 0.3427



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.



91.3927, 0.3465, 0.3737



89.9674, 0.3530, 0.3820



93.7396, 0.3328, 0.3841



20.5456, 0.3273, 0.3487



36.0471, 0.4522, 0.4792



3.6404, 0.4478, 0.4826

Inverse Universe

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



65.7204, 0.2776, 0.2800



60.5054, 0.2706, 0.2698



64.0482, 0.2893, 0.2719



17.8662, 0.2979, 0.3086



4.7969, 0.1540, 0.0743



0.5979, 0.1589, 0.0919

Previews

White Background



This preview shows how the Yxy color 91.3886, 0.3465, 0.3737 looks on a white background.

Color Contrast Check

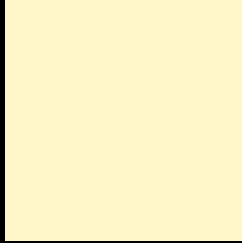
Large Text (above 18pt) WCAG AA × Fail

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 91.3886, 0.3465, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

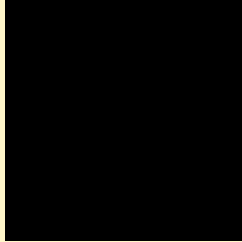
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3886, 0.3465, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 91.3886, 0.3465, 0.3737.

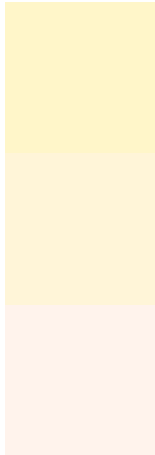


This preview shows how white text looks on a background with the Yxy color 91.3886, 0.3465, 0.3737.

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

91.3886, 0.3465, 0.3737

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

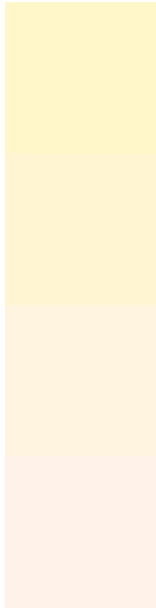
91.4173, 0.3249, 0.3359



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.3886, 0.3465, 0.3737

Protanomaly

91.2680, 0.3404, 0.3627

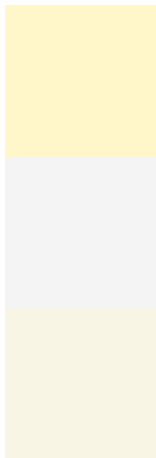
Deuteranomaly

91.2891, 0.3329, 0.3497

Tritanomaly

91.2444, 0.3268, 0.3388

Monochromacy



Original Color

91.3886, 0.3465, 0.3737

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8627, 0.3250, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3886, 0.3465, 0.3737 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, 246, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 201)  
}
```

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, 246, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 201) }
```

Border

The CSS property to change the border of an element to Yxy 91.3886, 0.3465, 0.3737 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, 246, 201) }
```

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

```
.border{ border-color:rgb(255, 246, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3886, 0.3465, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 201) }
```

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

```
.background{ background-color: rgb(255,  
246, 201) }
```

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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