

Converting Colors

$Yxy(91.4104, 0.3689, 0.4204)$

Have a look what the booklet for
Yxy(91.4104, 0.3689, 0.4204)
contains.

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Color

Yxy(91.3491, 0.3689, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	FBFA9E
RGB	251, 250, 158
RGB Percent	98%, 98%, 62%
CMY	0.0157, 0.0196, 0.3804
CMYK	0.00, 0.00, 0.37, 0.02
HSL	59°, 92%, 80%
HSV	59°, 37%, 98%
XYZ	80.1396, 91.3491, 45.7506
YIQ	239.8110, 30.1280, -28.4000

Conversions

Conversions Part 2

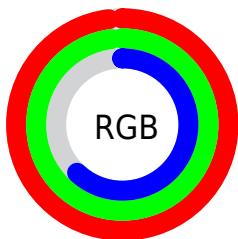
Format	Color
R_{YB}	159, 251, 158
Decimal	16513694
CIE _{Lab}	96.55, -12.79, 44.26
CIE _{LCh}	97, 46.069, 106.112
Yxy	91.3491, 0.3689, 0.4205
Android (android.graphics.Color)	4294703774 (0xFFFFBFA9E)
YUV	239.8110, -40.3328, 9.8128
Hunter-Lab	95.5767, -17.5899, 38.5228

Details

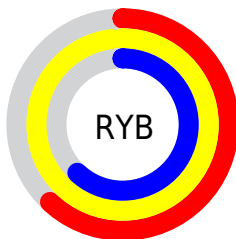
The Yxy color **91.3491, 0.3689, 0.4205** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.0228, 0.2447, 0.2175**, and the grayscale version is **87.2875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **50.9410, 0.3790, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **90.4094, 0.3829, 0.4432**, and if you desaturate by 10%, it is **92.4739, 0.3539, 0.3962**.

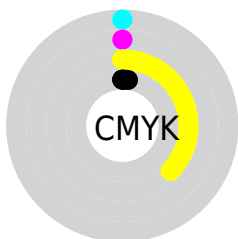
Distribution



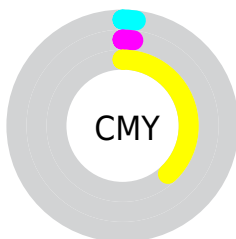
- Red (98%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3491, 0.3689, 0.4205 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 91.3491, 0.3689, 0.4205 by changing the saturation by 10% instead.


 91.3491, 0.3689,
0.4205


 91.3491, 0.3689,
0.4205

532.4097, 0.3452,
0.3796

 69.1001, 0.3737,
0.4293


 149.2109, 0.3612,
0.4067

 50.7933, 0.3792,
0.4400


 185.5926, 0.3580,
0.4012

 36.0441, 0.3857,
0.4529


227.4539, 0.3552,
0.3964

 24.4683, 0.3933,
0.4690

275.1794, 0.3528,
0.3922

 15.6813, 0.4018,
0.4891

329.1533, 0.3506,
0.3885

 9.2989, 0.4107,
0.5144


389.7600, 0.3486,


 4.9367, 0.4283,


0.3852

0.5597


457.3840, 0.3468,
0.3823


 2.2102, 0.4164,
0.5836


 0.7255, 0.3422,
0.6578


 91.3491, 0.3689,
0.4205


 91.3491, 0.3689,
0.4205


 90.4094, 0.3829,
0.4432


 92.4739, 0.3539,
0.3962

 89.6314, 0.3953,
0.4631


 93.7812, 0.3385,
0.3711


 89.0073, 0.4055,
0.4795

 95.2842, 0.3232,
0.3462


 88.5236, 0.4132,
0.4917


 96.7714, 0.3104,
0.3252

 88.1641, 0.4182,
0.4995

 96.9386, 0.3104,
0.3255

 87.9085, 0.4207,
0.5031

 97.1061, 0.3104,
0.3257

 87.8438, 0.4212,
0.5038

 97.2738, 0.3104,
0.3260

 97.4417, 0.3103,
0.3263

 97.6098, 0.3103,
0.3265

Harmonies

Analogous

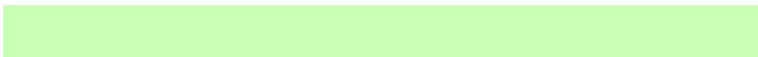
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3491, 0.4047, 0.3979



91.3491, 0.3689, 0.4205



91.3491, 0.3197, 0.4161

Triad

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



91.3491, 0.3689, 0.4205



91.3491, 0.2199, 0.2838



91.3491, 0.3514, 0.2838

Complementary

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



91.3491, 0.3689, 0.4205



39.0228, 0.2447, 0.2175

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.



91.3491, 0.2989, 0.2578



91.3491, 0.3689, 0.4205



91.3491, 0.2265, 0.2554

Square

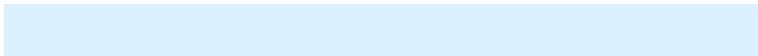
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3491, 0.3689, 0.4205



91.3491, 0.2353, 0.3298



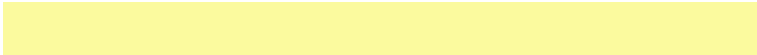
91.3491, 0.2541, 0.2473



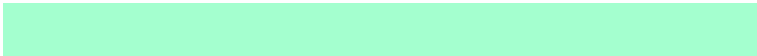
91.3491, 0.3955, 0.3203

Rectangle

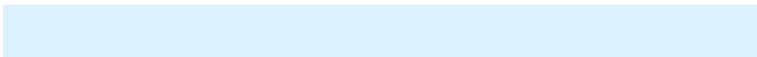
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3491, 0.3689, 0.4205



91.3491, 0.2863, 0.3956



91.3491, 0.2541, 0.2473



91.3491, 0.3339, 0.2737

Sweetspot

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



91.3533, 0.3689, 0.4205



98.1328, 0.3292, 0.3560



47.4814, 0.4023, 0.3276



20.9590, 0.3313, 0.3593



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

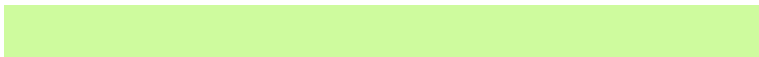
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3533, 0.3689, 0.4205



93.9970, 0.3788, 0.4366



84.5898, 0.3376, 0.4318



20.1571, 0.3269, 0.3522



46.1899, 0.4212, 0.5038



4.2879, 0.4209, 0.5040

Inverse Universe

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



39.0228, 0.2447, 0.2175



32.9868, 0.2296, 0.1927



44.1041, 0.2778, 0.2259



16.6726, 0.2979, 0.3047



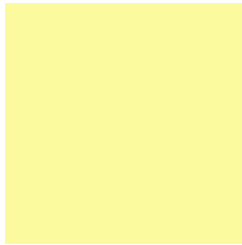
3.7047, 0.1502, 0.0606



0.3532, 0.1506, 0.0623

Previews

White Background



This preview shows how the Yxy color 91.3491, 0.3689, 0.4205 looks on a white background.

Color Contrast Check

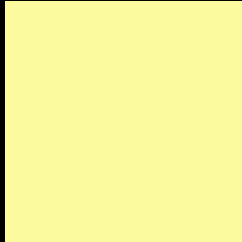
Large Text (above 18pt) WCAG AA × Fail

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 91.3491, 0.3689, 0.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

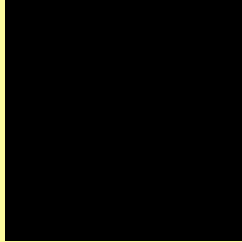
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3491, 0.3689, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 91.3491, 0.3689, 0.4205.

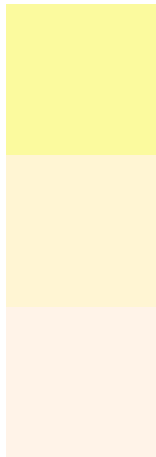


This preview shows how white text looks on a background with the Yxy color 91.3491, 0.3689, 0.4205.

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

91.3491, 0.3689, 0.4205

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

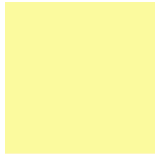
91.1874, 0.3274, 0.3398



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.3491, 0.3689, 0.4205



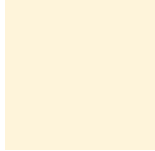
Protanomaly

91.3981, 0.3512, 0.3838



Deuteranomaly

91.3901, 0.3433, 0.3698



Tritanomaly

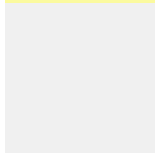
90.8342, 0.3354, 0.3548

Monochromacy



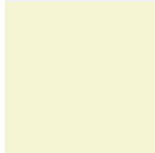
Original Color

91.3491, 0.3689, 0.4205



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5876, 0.3336, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3491, 0.3689, 0.4205 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(251, 250, 158)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 158)  
}
```

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(251, 250, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 158) }
```

Border

The CSS property to change the border of an element to Yxy 91.3491, 0.3689, 0.4205 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(251, 250, 158) }
```

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

```
.border{ border-color:rgb(251, 250, 158) }
```

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

Here you see how a box with a 4 pixel rgb(251, 250, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 158);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3491, 0.3689, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 158) }
```

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

```
.background{ background-color: rgb(251,  
250, 158) }
```

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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