

Converting Colors

$Yxy(91.4639, 0.3610, 0.4049)$

Have a look what the booklet for
Yxy(91.4639, 0.3610, 0.4049)
contains.

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Color

Yxy(91.4639, 0.3610, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9AD
RGB	252, 249, 173
RGB Percent	99%, 98%, 68%
CMY	0.0120, 0.0234, 0.3216
CMYK	0.00, 0.01, 0.31, 0.01
HSL	58°, 93%, 83%
HSV	58°, 31%, 99%
XYZ	81.5472, 91.4639, 52.8814
YIQ	241.2330, 26.1840, -23.0000

Conversions

Conversions Part 2

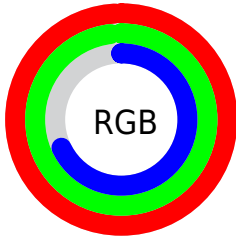
Format	Color
R _Y B	176, 252, 173
Decimal	16578989
CIE Lab	96.60, -10.24, 36.93
CIE LCh	97, 38.323, 105.496
Yxy	91.4639, 0.3610, 0.4049
Android (android.graphics.Color)	4294769069 (0xFFFCF9AD)
YUV	241.2330, -33.6389, 9.4427
Hunter-Lab	95.6368, -15.1616, 34.1619

Details

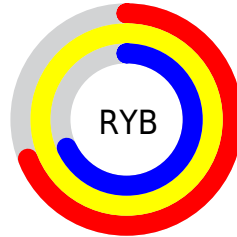
The Yxy color **91.4639, 0.3610, 0.4049** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.9203, 0.2571, 0.2398**, and the grayscale version is **88.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **50.9653, 0.3697, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **90.0080, 0.3761, 0.4282**, and if you desaturate by 10%, it is **93.1148, 0.3454, 0.3806**.

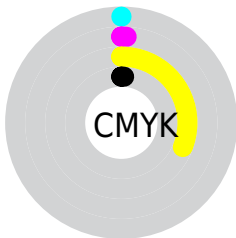
Distribution



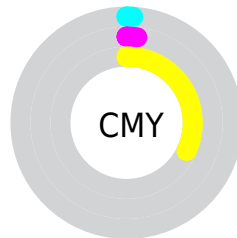
- Red (99%)
- Green (98%)
- Blue (68%)



- Red (69%)
- Yellow (99%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4639, 0.3610, 0.4049 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 91.4639, 0.3610, 0.4049 by changing the saturation by 10% instead.


 91.4639, 0.3610,
0.4049

 91.4639, 0.3610,
0.4049


532.7814, 0.3403,
0.3709

 69.1954, 0.3653,
0.4123


 149.3702, 0.3542,
0.3934

 50.8709, 0.3704,
0.4213


185.7767, 0.3514,
0.3888

 36.1059, 0.3764,
0.4323


227.6648, 0.3490,
0.3848

 24.5160, 0.3837,
0.4461

275.4188, 0.3468,
0.3814

 15.7168, 0.3925,
0.4638

329.4230, 0.3449,
0.3783

 9.3240, 0.4028,
0.4868

390.0620, 0.3432,

 4.9531, 0.4154,

0.3756

0.5191

457.7200, 0.3417,
0.3731

■ 2.2198, 0.4310,
0.5690

■ 0.7307, 0.3783,
0.6217

■ 91.4639, 0.3610,
0.4049

■ 91.4639, 0.3610,
0.4049

■ 90.0080, 0.3761,
0.4282

■ 93.1148, 0.3454,
0.3806

■ 88.7244, 0.3900,
0.4495

■ 94.9578, 0.3298,
0.3561

■ 87.6058, 0.4022,
0.4678

■ 97.0061, 0.3147,
0.3321

■ 86.6395, 0.4121,
0.4822

■ 98.0000, 0.3109,
0.3268

■ 85.8107, 0.4194,
0.4923

■ 98.5893, 0.3109,
0.3277

■ 85.1019, 0.4239,
0.4979

■ 99.1814, 0.3108,
0.3286

■ 84.5614, 0.4260,
0.4999

■ 99.4253, 0.3108,
0.3290

Harmonies

Analogous

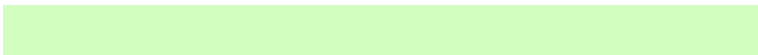
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4639, 0.3900, 0.3870



91.4639, 0.3610, 0.4049



91.4639, 0.3201, 0.4008

Triad

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



91.4639, 0.3610, 0.4049



91.4639, 0.2344, 0.2926



91.4639, 0.3442, 0.2904

Complementary

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



91.4639, 0.3610, 0.4049



46.9203, 0.2571, 0.2398

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.



91.4639, 0.3006, 0.2683



91.4639, 0.3610, 0.4049



91.4639, 0.2397, 0.2677

Square

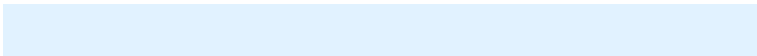
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4639, 0.3610, 0.4049



91.4639, 0.2482, 0.3311



91.4639, 0.2630, 0.2599



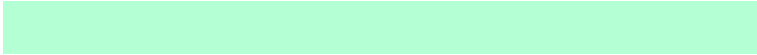
91.4639, 0.3808, 0.3216

Rectangle

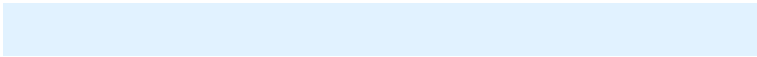
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4639, 0.3610, 0.4049



91.4639, 0.2920, 0.3842



91.4639, 0.2630, 0.2599



91.4639, 0.3298, 0.2818

Sweetspot

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



91.4680, 0.3610, 0.4049



98.0684, 0.3262, 0.3504



53.7374, 0.3810, 0.3250



20.9273, 0.3285, 0.3539



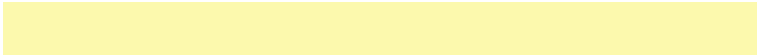
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

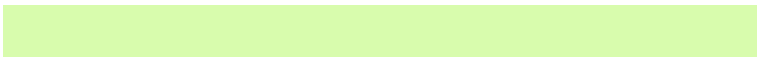
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4680, 0.3610, 0.4049



92.9858, 0.3712, 0.4207



87.2650, 0.3359, 0.4142



20.0741, 0.3270, 0.3516



44.1210, 0.4259, 0.5000



4.1198, 0.4251, 0.5007

Inverse Universe

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



46.9203, 0.2571, 0.2398



40.2292, 0.2431, 0.2171



50.3902, 0.2824, 0.2426



16.7459, 0.2979, 0.3054



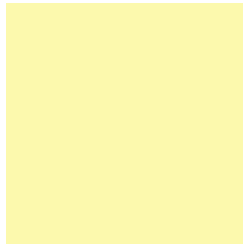
3.8127, 0.1506, 0.0622



0.3882, 0.1522, 0.0677

Previews

White Background



This preview shows how the Yxy color 91.4639, 0.3610, 0.4049 looks on a white background.

Color Contrast Check

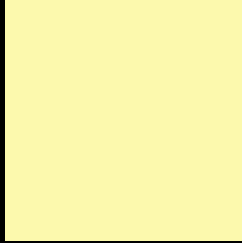
Large Text (above 18pt) WCAG AA × Fail

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 91.4639, 0.3610, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

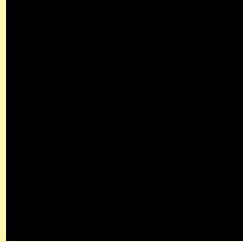
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4639, 0.3610, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 91.4639, 0.3610, 0.4049.

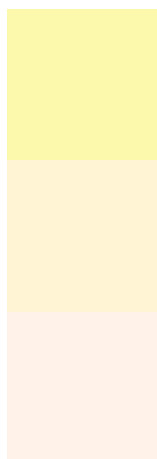


This preview shows how white text looks on a background with the Yxy color 91.4639, 0.3610, 0.4049.

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

91.4639, 0.3610, 0.4049

Protanopia

91.3689, 0.3391, 0.3607

Deuteranopia

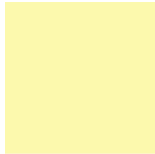
91.2444, 0.3268, 0.3388



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.4639, 0.3610, 0.4049



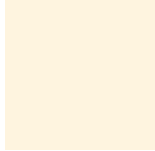
Protanomaly

91.0596, 0.3477, 0.3768



Deuteranomaly

91.0788, 0.3397, 0.3628



Tritanomaly

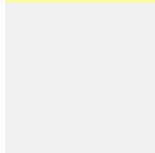
91.0999, 0.3322, 0.3497

Monochromacy



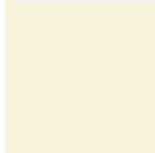
Original Color

91.4639, 0.3610, 0.4049



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.0717, 0.3305, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4639, 0.3610, 0.4049 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(252, 249, 173)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 173)  
}
```

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(252, 249, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 173) }
```

Border

The CSS property to change the border of an element to Yxy 91.4639, 0.3610, 0.4049 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(252, 249, 173) }
```

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

```
.border{ border-color:rgb(252, 249, 173) }
```

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

Here you see how a box with a 4 pixel rgb(252, 249, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 173);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4639, 0.3610, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 173) }
```

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

```
.background{ background-color: rgb(252,  
249, 173) }
```

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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