

Converting Colors

$Yxy(91.5044, 0.3965, 0.4681)$

Have a look what the booklet for
Yxy(91.5044, 0.3965, 0.4681)
contains.

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Color

Yxy(91.2955, 0.3968, 0.4680)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC67
RGB	252, 252, 103
RGB Percent	99%, 99%, 40%
CMY	0.0117, 0.0117, 0.5961
CMYK	0.00, 0.00, 0.59, 0.01
HSL	60°, 96%, 70%
HSV	60°, 59%, 99%
XYZ	77.4061, 91.2955, 26.3743
YIQ	235.0140, 47.8290, -46.3390

Conversions

Conversions Part 2

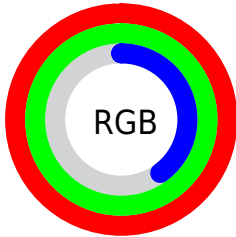
Format	Color
RYB	103, 252, 103
Decimal	16579687
CIELab	96.53, -18.12, 69.35
CIELCh	97, 71.677, 104.646
Yxy	91.2955, 0.3968, 0.4680
Android (android.graphics.Color)	4294769767 (0xFFFFCFC67)
YUV	235.0140, -65.0829, 14.8967
Hunter-Lab	95.5487, -22.6034, 50.5183

Details

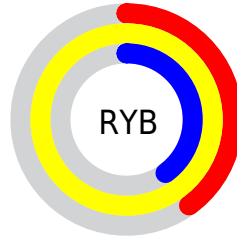
The Yxy color **91.2955, 0.3968, 0.4680** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **19.6154, 0.1972, 0.1381**, and the grayscale version is **83.5707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **50.8682, 0.4079, 0.4949** is the 20% darker color. If you saturate the color by 10%, you get **90.8670, 0.4063, 0.4836**, and if you desaturate by 10%, it is **91.8849, 0.3851, 0.4486**.

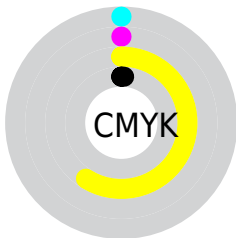
Distribution



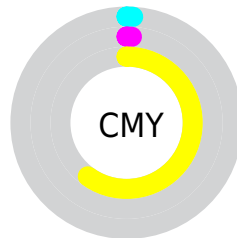
- Red (99%)
- Green (99%)
- Blue (40%)



- Red (40%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2955, 0.3968, 0.4680 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 91.2955, 0.3968, 0.4680 by changing the saturation by 10% instead.


 91.2955, 0.3968,
0.4680

 91.2955, 0.3968,
0.4680


532.2361, 0.3639,
0.4077

 69.0556, 0.4025,
0.4802


 149.1366, 0.3868,
0.4483


 50.7570, 0.4086,
0.4942


 185.5066, 0.3825,
0.4402

 36.0153, 0.4147,
0.5104


 227.3555, 0.3786,
0.4332

 24.4460, 0.4202,
0.5289

 275.0676, 0.3751,
0.4269

 15.6648, 0.4238,
0.5495

329.0273, 0.3718,
0.4213

 9.2873, 0.4253,
0.5747

389.6190, 0.3689,

 4.9290, 0.4102,

0.4163

0.5898

457.2271, 0.3663,
0.4118

■ 2.2057, 0.3856,
0.6144

■ 0.7231, 0.2530,
0.7470

■ 91.2955, 0.3968,
0.4680

■ 91.2955, 0.3968,
0.4680

■ 90.8670, 0.4063,
0.4836

■ 91.8849, 0.3851,
0.4486

■ 90.5726, 0.4131,
0.4950


■ 92.6349, 0.3715,
0.4263


■ 90.3996, 0.4173,
0.5019

■ 93.5609, 0.3569,
0.4020


■ 90.3229, 0.4192,
0.5050

■ 94.6731, 0.3416,
0.3768


 90.3180, 0.4193,
0.5053

 95.9809, 0.3263,
0.3515

 97.4930, 0.3114,
0.3269

 97.5443, 0.3110,
0.3261

 97.5449, 0.3110,
0.3261

 97.5455, 0.3110,
0.3261

Harmonies

Analogous

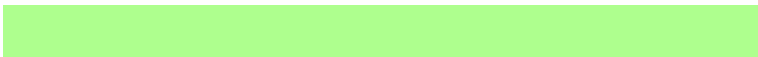
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2955, 0.4525, 0.4243



91.2955, 0.3968, 0.4680



91.2955, 0.3226, 0.4716

Triad

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



91.2955, 0.3968, 0.4680



91.2955, 0.1766, 0.2593



91.2955, 0.3674, 0.2592

Complementary

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



91.2955, 0.3968, 0.4680



19.6154, 0.1972, 0.1381

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.



91.2955, 0.2859, 0.2237



91.2955, 0.3968, 0.4680



91.2955, 0.1849, 0.2193

Square

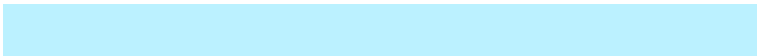
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2955, 0.3968, 0.4680



91.2955, 0.1980, 0.3309



91.2955, 0.2218, 0.2090



91.2955, 0.4393, 0.3095

Rectangle

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



91.2955, 0.3968, 0.4680



91.2955, 0.2726, 0.4410



91.2955, 0.2218, 0.2090



91.2955, 0.3396, 0.2453

Sweetspot

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



91.2997, 0.3968, 0.4680



97.3874, 0.3399, 0.3740



31.4287, 0.4953, 0.3272



20.7680, 0.3444, 0.3813



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.



91.2997, 0.3968, 0.4680



93.2696, 0.4078, 0.4862



80.3081, 0.3467, 0.4964



20.1907, 0.3269, 0.3524



47.0438, 0.4193, 0.5053



4.3571, 0.4193, 0.5053

Inverse Universe

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



19.6154, 0.1972, 0.1381



13.5656, 0.1755, 0.1021



25.8471, 0.2492, 0.1606



16.6432, 0.2979, 0.3045



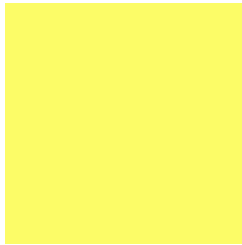
3.6613, 0.1500, 0.0600



0.3391, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 91.2955, 0.3968, 0.4680 looks on a white background.

Color Contrast Check

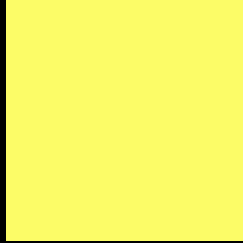
Large Text (above 18pt) WCAG AA × Fail

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 91.2955, 0.3968, 0.4680 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 91.2955, 0.3968, 0.4680

Background



This preview shows how black text looks on a background with the Yxy color 91.2955, 0.3968, 0.4680.

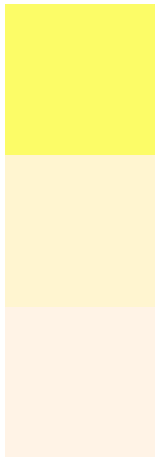


This preview shows how white text looks on a background with the Yxy color 91.2955, 0.3968, 0.4680.

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

91.2955, 0.3968, 0.4680

Protanopia

91.1189, 0.3423, 0.3657

Deuteranopia

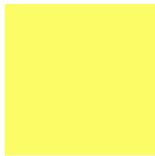
91.0744, 0.3286, 0.3418



Tritanopia

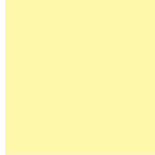
91.0101, 0.3170, 0.3213

Trichromacy



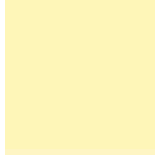
Original Color

91.2955, 0.3968, 0.4680



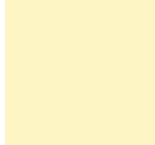
Protanomaly

91.1079, 0.3645, 0.4065



Deuteranomaly

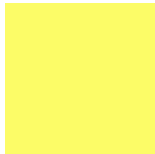
90.4431, 0.3565, 0.3909



Tritanomaly

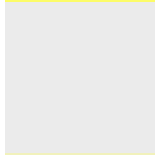
90.3612, 0.3492, 0.3779

Monochromacy



Original Color

91.2955, 0.3968, 0.4680



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.1992, 0.3466, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2955, 0.3968, 0.4680 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, 252, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 103)  
}
```

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, 252, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 103) }
```

Border

The CSS property to change the border of an element to Yxy 91.2955, 0.3968, 0.4680 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, 252, 103) }
```

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

```
.border{ border-color:rgb(252, 252, 103) }
```

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

Here you see how a box with a 4 pixel rgb(252, 252, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2955, 0.3968, 0.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 103) }
```

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

```
.background{ background-color: rgb(252,  
252, 103) }
```

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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