

Converting Colors

$Yxy(91.4260, 0.3832, 0.4669)$

Have a look what the booklet for
Yxy(91.4260, 0.3832, 0.4669)
contains.

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Color

Yxy(91.4130, 0.3832, 0.4670)

Conversions

Conversions Part 1

Format	Color
Hex	F1FF71
RGB	241, 255, 113
RGB Percent	95%, 100%, 44%
CMY	0.0550, 0.0000, 0.5567
CMYK	0.06, 0.00, 0.56, 0.00
HSL	66°, 100%, 72%
HSV	66°, 56%, 100%
XYZ	75.0096, 91.4130, 29.3226
YIQ	234.6260, 37.2380, -47.1300

Conversions

Conversions Part 2

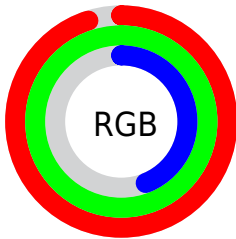
Format	Color
R_{YB}	113, 255, 127
Decimal	15859569
CIE _{Lab}	96.58, -23.20, 64.95
CIE _{LCh}	97, 68.968, 109.657
Yxy	91.4130, 0.3832, 0.4670
Android (android.graphics.Color)	4294049649 (0xFFFF1FF71)
YUV	234.6260, -59.9616, 5.5900
Hunter-Lab	95.6101, -27.2782, 48.7435

Details

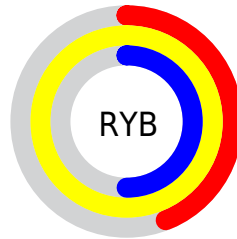
The Yxy color **91.4130, 0.3832, 0.4670** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **23.5549, 0.2129, 0.1532**, and the grayscale version is **83.2164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **50.6287, 0.3929, 0.4945** is the 20% darker color. If you saturate the color by 10%, you get **90.4716, 0.3917, 0.4861**, and if you desaturate by 10%, it is **92.5122, 0.3726, 0.4447**.

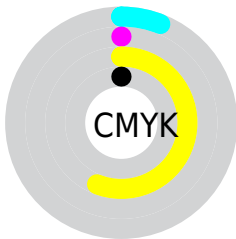
Distribution



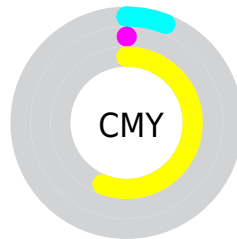
- Red (95%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (50%)



- Cyan (6%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4130, 0.3832, 0.4670 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 91.4130, 0.3832, 0.4670 by changing the saturation by 10% instead.

 91.4130, 0.3832,
0.4670


 91.4130, 0.3832,
0.4670


532.6166, 0.3558,
0.4058


 69.1532, 0.3879,
0.4797


 149.2996, 0.3749,
0.4467

 50.8365, 0.3929,
0.4947


 185.6951, 0.3713,
0.4385

 36.0785, 0.3979,
0.5124


 227.5713, 0.3681,
0.4313

 24.4948, 0.4022,
0.5332

275.3126, 0.3651,
0.4250

 15.7011, 0.4044,
0.5573

329.3034, 0.3625,
0.4194

 9.3129, 0.4074,
0.5926

389.9281, 0.3600,

 4.9458, 0.3879,

0.4144

0.6121

457.5710, 0.3578,
0.4099

■ 2.2155, 0.3561,
0.6439

■ 0.7284, 0.1475,
0.8525

■ 91.4130, 0.3832,
0.4670

■ 91.4130, 0.3832,
0.4670

■ 90.4716, 0.3917,
0.4861

■ 92.5122, 0.3726,
0.4447

■ 89.6885, 0.3977,
0.5010


■ 93.7960, 0.3604,
0.4201


■ 89.0428, 0.4011,
0.5115

■ 95.2707, 0.3473,
0.3944

■ 88.5142, 0.4019,
0.5175

■ 96.9465, 0.3337,
0.3684

 88.3092, 0.4017,
0.5192

 98.8329, 0.3202,
0.3430

100.0000, 0.3127,
0.3290

Harmonies

Analogous

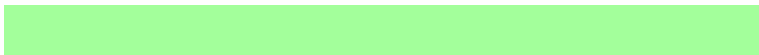
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4130, 0.4409, 0.4302



91.4130, 0.3832, 0.4670



91.4130, 0.3104, 0.4606

Triad

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



91.4130, 0.3832, 0.4670



91.4130, 0.1803, 0.2534



91.4130, 0.3785, 0.2689

Complementary

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



91.4130, 0.3832, 0.4670



23.5549, 0.2129, 0.1532

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.



91.4130, 0.2995, 0.2315



91.4130, 0.3832, 0.4670



91.4130, 0.1931, 0.2195

Square

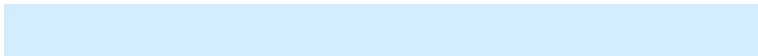
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4130, 0.3832, 0.4670



91.4130, 0.1964, 0.3179



91.4130, 0.2335, 0.2136



91.4130, 0.4428, 0.3196

Rectangle

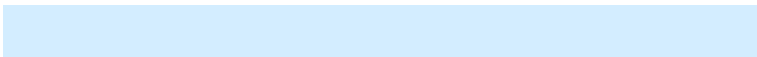
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4130, 0.3832, 0.4670



91.4130, 0.2631, 0.4252



91.4130, 0.2335, 0.2136



91.4130, 0.3522, 0.2546

Sweetspot

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



91.4081, 0.3832, 0.4670



96.7122, 0.3355, 0.3718



37.0859, 0.4741, 0.3412



20.6260, 0.3383, 0.3770



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.



91.4081, 0.3832, 0.4670



90.3591, 0.3927, 0.4883



81.5048, 0.3367, 0.4918



20.9941, 0.3254, 0.3526



46.1807, 0.4020, 0.5190



4.5218, 0.4041, 0.5173

Inverse Universe

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



23.5549, 0.2129, 0.1532



16.3528, 0.1910, 0.1174



30.7531, 0.2660, 0.1752



17.4636, 0.2994, 0.3045



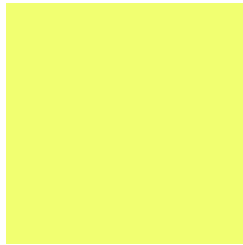
3.9101, 0.1532, 0.0618



0.4080, 0.1597, 0.0653

Previews

White Background



This preview shows how the Yxy color 91.4130, 0.3832, 0.4670 looks on a white background.

Color Contrast Check

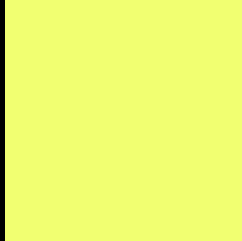
Large Text (above 18pt) WCAG AA × Fail

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 91.4130, 0.3832, 0.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

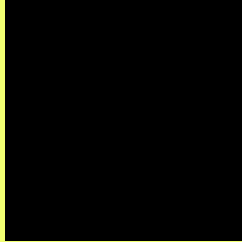
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4130, 0.3832, 0.4670

Background



This preview shows how black text looks on a background with the Yxy color 91.4130, 0.3832, 0.4670.



This preview shows how white text looks on a background with the Yxy color 91.4130, 0.3832, 0.4670.

Color Blindness Simulation

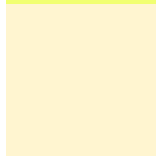
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



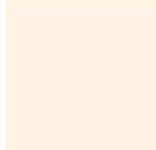
Original Color

91.4130, 0.3832, 0.4670



Protanopia

91.1189, 0.3423, 0.3657



Deuteranopia

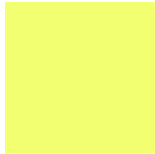
91.0744, 0.3286, 0.3418



Tritanopia

91.0132, 0.3121, 0.3155

Trichromacy



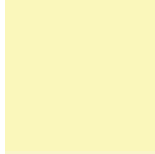
Original Color

91.4130, 0.3832, 0.4670



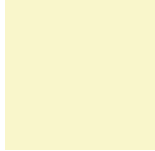
Protanomaly

91.0925, 0.3596, 0.4052



Deuteranomaly

90.4334, 0.3516, 0.3894



Tritanomaly

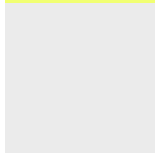
90.3631, 0.3411, 0.3723

Monochromacy



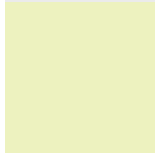
Original Color

91.4130, 0.3832, 0.4670



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.2704, 0.3410, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4130, 0.3832, 0.4670 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(241, 255, 113)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 113)  
}
```

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(241, 255, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 113) }
```

Border

The CSS property to change the border of an element to Yxy 91.4130, 0.3832, 0.4670 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(241, 255, 113) }
```

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

```
.border{ border-color:rgb(241, 255, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 113);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4130, 0.3832, 0.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 113) }
```

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

```
.background{ background-color: rgb(241,  
255, 113) }
```

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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