

Converting Colors

$Y_{xy}(100.0000, 0.3640, 0.4502)$

Have a look what the booklet for
Yxy(100.0000, 0.3640, 0.4502)
contains.

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Color

Yxy(92.2344, 0.3680, 0.4404)

Conversions

Conversions Part 1

Format	Color
Hex	F1FF90
RGB	241, 255, 144
RGB Percent	95%, 100%, 56%
CMY	0.0549, 0.0000, 0.4353
CMYK	0.05, 0.00, 0.44, 0.00
HSL	68°, 100%, 78%
HSV	68°, 44%, 100%
XYZ	77.0714, 92.2344, 40.1274
YIQ	238.1600, 27.2870, -37.4890

Conversions

Conversions Part 2

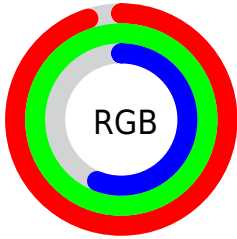
Format	Color
R_{YB}	144, 255, 158
Decimal	15859600
CIE _{Lab}	96.92, -20.45, 51.29
CIE _{LCh}	97, 55.219, 111.741
Y _{xy}	92.2344, 0.3680, 0.4404
Android (android.graphics.Color)	4294049680 (0xFFFF1FF90)
YUV	238.1600, -46.4209, 2.4907
Hunter-Lab	96.0387, -24.8209, 42.4543

Details

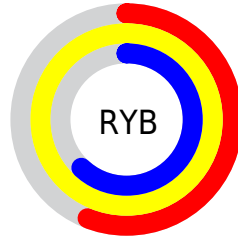
The Yxy color **92.2344, 0.3680, 0.4404** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.4372, 0.2399, 0.1961**, and the grayscale version is **85.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **51.2108, 0.3769, 0.4638** is the 20% darker color. If you saturate the color by 10%, you get **90.9811, 0.3785, 0.4638**, and if you desaturate by 10%, it is **93.6763, 0.3561, 0.4151**.

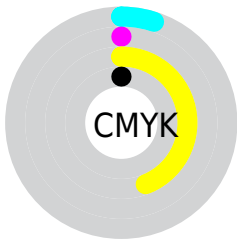
Distribution



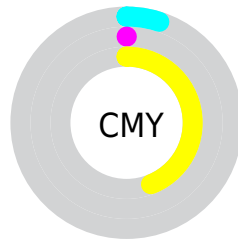
- Red (95%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2344, 0.3680, 0.4404 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 92.2344, 0.3680, 0.4404 by changing the saturation by 10% instead.


 92.2344, 0.3680,
0.4404


 92.2344, 0.3680,
0.4404


535.2728, 0.3456,
0.3903

 69.8353, 0.3722,
0.4512


 150.4382, 0.3609,
0.4235

 51.3923, 0.3770,
0.4642


 187.0118, 0.3579,
0.4168

 36.5209, 0.3823,
0.4800


229.0789, 0.3553,
0.4109

 24.8368, 0.3878,
0.4993

277.0241, 0.3529,
0.4058

 15.9555, 0.3932,
0.5234

331.2317, 0.3508,
0.4012

 9.4927, 0.3966,
0.5531


392.0860, 0.3489,


 5.0639, 0.4008,


0.3972


0.5992


459.9716, 0.3471,
0.3936

 2.2848, 0.3734,
0.6266


 0.7656, 0.2298,
0.7702


 92.2344, 0.3680,
0.4404


 92.2344, 0.3680,
0.4404


 90.9811, 0.3785,
0.4638


 93.6763, 0.3561,
0.4151


 89.9006, 0.3870,
0.4842

 95.3139, 0.3433,
0.3890

 88.9805, 0.3931,
0.5007

 97.1586, 0.3302,
0.3629

 88.2052, 0.3965,
0.5127

 99.2197, 0.3172,
0.3376

■ 87.5555, 0.3974,
0.5201

100.0000, 0.3127,
0.3290

■ 87.1843, 0.3969,
0.5231

Harmonies

Analogous

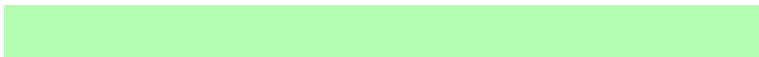
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2344, 0.4152, 0.4162



92.2344, 0.3680, 0.4404



92.2344, 0.3085, 0.4295

Triad

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



92.2344, 0.3680, 0.4404



92.2344, 0.2035, 0.2664



92.2344, 0.3700, 0.2829

Complementary

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



92.2344, 0.3680, 0.4404



34.4372, 0.2399, 0.1961

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.



92.2344, 0.3072, 0.2502



92.2344, 0.3680, 0.4404



92.2344, 0.2158, 0.2386

Square

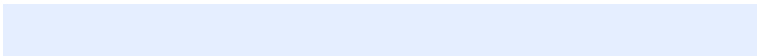
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2344, 0.3680, 0.4404



92.2344, 0.2161, 0.3175



92.2344, 0.2518, 0.2341



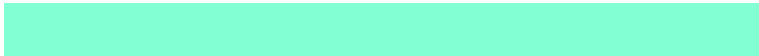
92.2344, 0.4190, 0.3264

Rectangle

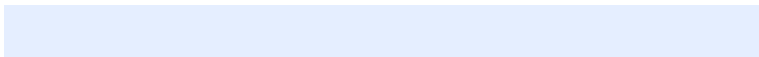
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2344, 0.3680, 0.4404



92.2344, 0.2702, 0.4002



92.2344, 0.2518, 0.2341



92.2344, 0.3494, 0.2704

Sweetspot

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



92.2357, 0.3680, 0.4404



97.2618, 0.3295, 0.3616



47.3724, 0.4222, 0.3429



20.7264, 0.3324, 0.3673



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

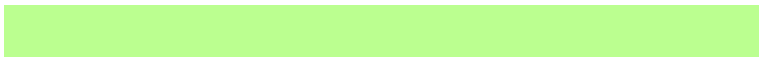
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2357, 0.3680, 0.4404



91.1611, 0.3770, 0.4604



84.0423, 0.3314, 0.4553



20.9677, 0.3249, 0.3526



45.6013, 0.3972, 0.5228



4.4712, 0.3999, 0.5207

Inverse Universe

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



34.4372, 0.2399, 0.1961



26.7366, 0.2228, 0.1667



41.2325, 0.2819, 0.2102



17.4875, 0.2998, 0.3045



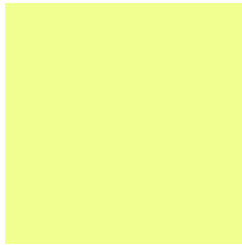
3.9682, 0.1546, 0.0625



0.4192, 0.1623, 0.0668

Previews

White Background



This preview shows how the Yxy color 92.2344, 0.3680, 0.4404 looks on a white background.

Color Contrast Check

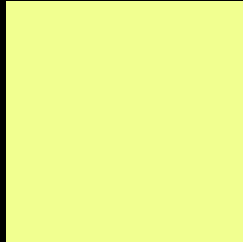
Large Text (above 18pt) WCAG AA × Fail

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 92.2344, 0.3680, 0.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

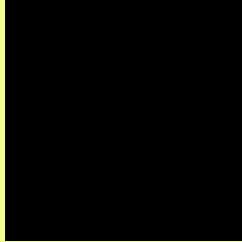
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2344, 0.3680, 0.4404

Background



This preview shows how black text looks on a background with the Yxy color 92.2344, 0.3680, 0.4404.

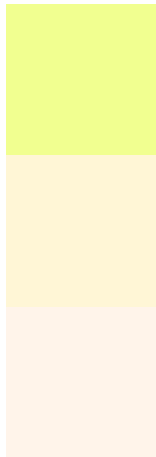


This preview shows how white text looks on a background with the Yxy color 92.2344, 0.3680, 0.4404.

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

92.2344, 0.3680, 0.4404

Protanopia

92.0266, 0.3383, 0.3606

Deuteranopia

91.9019, 0.3260, 0.3388



Tritanopia

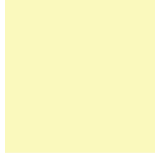
91.8304, 0.3107, 0.3174

Trichromacy



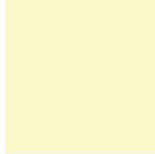
Original Color

92.2344, 0.3680, 0.4404



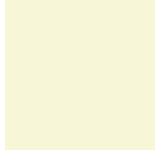
Protanomaly

91.7495, 0.3499, 0.3892



Deuteranomaly

91.6758, 0.3427, 0.3761



Tritanomaly

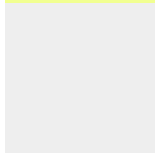
91.2020, 0.3321, 0.3611

Monochromacy



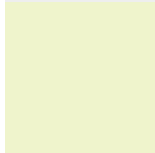
Original Color

92.2344, 0.3680, 0.4404



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.4117, 0.3340, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2344, 0.3680, 0.4404 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 144) }
```

Border

The CSS property to change the border of an element to Yxy 92.2344, 0.3680, 0.4404 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, 144) }
```

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

```
.border{ border-color:rgb(241, 255, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2344, 0.3680, 0.4404 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, 144) }
```

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

```
.background{ background-color: rgb(241,  
255, 144) }
```

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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