

Converting Colors

$Yxy(92.7184, 0.3802, 0.4533)$

Have a look what the booklet for
Yxy(92.7184, 0.3802, 0.4533)
contains.

Yxy(92.6713, 0.3797, 0.4531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6713, 0.3797, 0.4531)

Conversions

Conversions Part 1

Format	Color
Hex	F6FF80
RGB	246, 255, 128
RGB Percent	96%, 100%, 50%
CMY	0.0353, 0.0000, 0.4982
CMYK	0.04, 0.00, 0.50, 0.00
HSL	64°, 100%, 75%
HSV	64°, 50%, 100%
XYZ	77.6590, 92.6713, 34.1970
YIQ	237.8310, 35.4030, -41.4050

Conversions

Conversions Part 2

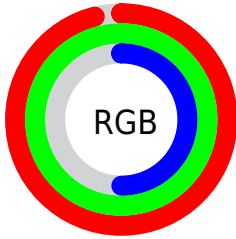
Format	Color
R_{YB}	128, 255, 137
Decimal	16187264
CIE _{Lab}	97.09, -20.04, 59.04
CIE _{LCh}	97, 62.350, 108.748
Yxy	92.6713, 0.3797, 0.4531
Android (android.graphics.Color)	4294377344 (0xFFFF6FF80)
YUV	237.8310, -54.1467, 7.1642
Hunter-Lab	96.2659, -24.4671, 46.3243

Details

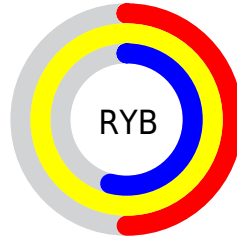
The Yxy color **92.6713, 0.3797, 0.4531** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **27.9587, 0.2225, 0.1724**, and the grayscale version is **85.7631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **51.4474, 0.3897, 0.4783** is the 20% darker color. If you saturate the color by 10%, you get **91.7556, 0.3900, 0.4736**, and if you desaturate by 10%, it is **93.7556, 0.3676, 0.4298**.

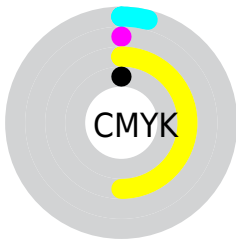
Distribution



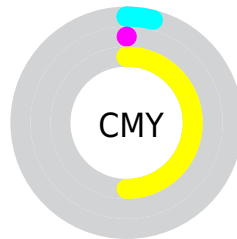
- Red (96%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6713, 0.3797, 0.4531 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 92.6713, 0.3797, 0.4531 by changing the saturation by 10% instead.


 92.6713, 0.3797,
0.4531


 92.6713, 0.3797,
0.4531


536.6827, 0.3529,
0.3980

 70.1983, 0.3846,
0.4647


 151.0435, 0.3714,
0.4347

 51.6882, 0.3900,
0.4784


 187.7114, 0.3679,
0.4273

 36.7566, 0.3957,
0.4948


 229.8799, 0.3647,
0.4209

 25.0191, 0.4015,
0.5144

277.9332, 0.3619,
0.4152

 16.0913, 0.4063,
0.5378

332.2557, 0.3593,
0.4102

 9.5888, 0.4107,
0.5689


393.2319, 0.3570,


 5.1272, 0.4029,

0.4057


0.5971


461.2461, 0.3549,
0.4017


 2.3221, 0.3764,
0.6236


 0.7854, 0.2467,
0.7533


 92.6713, 0.3797,
0.4531

 92.6713, 0.3797,
0.4531


 91.7556, 0.3900,
0.4736


 93.7556, 0.3676,
0.4298


 91.0005, 0.3980,
0.4905

 95.0249, 0.3543,
0.4047

 90.3896, 0.4034,
0.5030

 96.4882, 0.3403,
0.3790

 89.9054, 0.4062,
0.5110

 98.1551, 0.3263,
0.3534

■ 89.5195, 0.4067, 100.0000, 0.3127,
0.5152 0.3290

■ 89.5131, 0.4067,
0.5152

Harmonies

Analogous

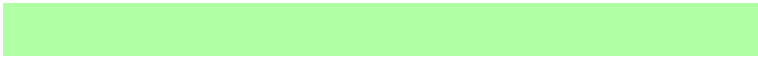
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6713, 0.4308, 0.4210



92.6713, 0.3797, 0.4531



92.6713, 0.3137, 0.4470

Triad

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



92.6713, 0.3797, 0.4531



92.6713, 0.1916, 0.2626



92.6713, 0.3701, 0.2732

Complementary

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



92.6713, 0.3797, 0.4531



27.9587, 0.2225, 0.1724

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.



92.6713, 0.2991, 0.2390



92.6713, 0.3797, 0.4531



92.6713, 0.2026, 0.2299

Square

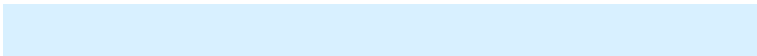
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6713, 0.3797, 0.4531



92.6713, 0.2078, 0.3220



92.6713, 0.2394, 0.2232



92.6713, 0.4285, 0.3199

Rectangle

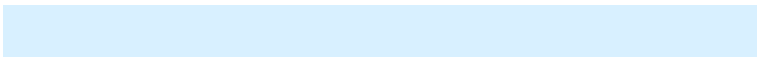
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6713, 0.3797, 0.4531



92.6713, 0.2704, 0.4163



92.6713, 0.2394, 0.2232



92.6713, 0.3465, 0.2600

Sweetspot

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



92.6697, 0.3797, 0.4531



97.2664, 0.3335, 0.3666



40.5433, 0.4503, 0.3381



20.7450, 0.3365, 0.3720



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

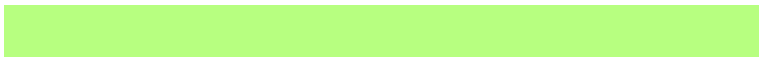
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6697, 0.3797, 0.4531



91.7411, 0.3902, 0.4740



83.1448, 0.3369, 0.4733



21.0214, 0.3258, 0.3526



46.8003, 0.4070, 0.5151



4.5756, 0.4085, 0.5139

Inverse Universe

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



27.9587, 0.2225, 0.1724



20.2228, 0.2016, 0.1378



34.9162, 0.2705, 0.1906



17.4392, 0.2989, 0.3045



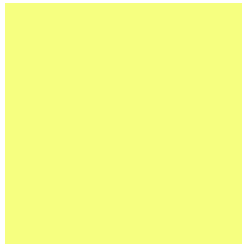
3.8624, 0.1521, 0.0612



0.3965, 0.1570, 0.0638

Previews

White Background



This preview shows how the Yxy color 92.6713, 0.3797, 0.4531 looks on a white background.

Color Contrast Check

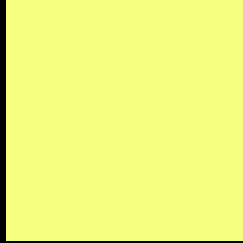
Large Text (above 18pt) WCAG AA × Fail

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 92.6713, 0.3797, 0.4531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

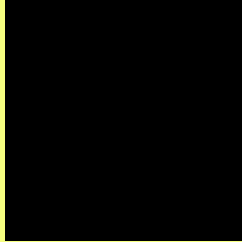
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6713, 0.3797, 0.4531

Background



This preview shows how black text looks on a background with the Yxy color 92.6713, 0.3797, 0.4531.

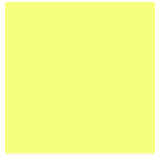


This preview shows how white text looks on a background with the Yxy color 92.6713, 0.3797, 0.4531.

Color Blindness Simulation

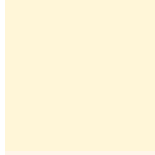
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



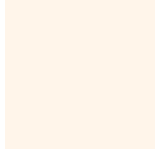
Original Color

92.6713, 0.3797, 0.4531



Protanopia

92.1294, 0.3371, 0.3586



Deuteranopia

92.5053, 0.3259, 0.3398



Tritanopia

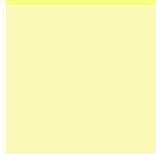
92.5169, 0.3139, 0.3185

Trichromacy



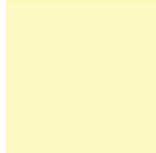
Original Color

92.6713, 0.3797, 0.4531



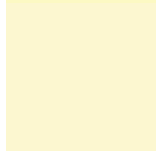
Protanomaly

91.9075, 0.3543, 0.3939



Deuteranomaly

92.3869, 0.3476, 0.3829



Tritanomaly

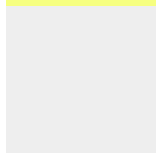
91.7710, 0.3399, 0.3678

Monochromacy



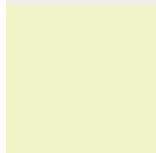
Original Color

92.6713, 0.3797, 0.4531



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.4794, 0.3391, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6713, 0.3797, 0.4531 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(246, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 128)  
}
```

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(246, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 128) }
```

Border

The CSS property to change the border of an element to Yxy 92.6713, 0.3797, 0.4531 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(246, 255, 128) }
```

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

```
.border{ border-color:rgb(246, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6713, 0.3797, 0.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 128) }
```

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

```
.background{ background-color: rgb(246,  
255, 128) }
```

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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