

Converting Colors

$Y_{xy}(92.3134, 0.3957, 0.4771)$

Have a look what the booklet for
Yxy(92.3134, 0.3957, 0.4771)
contains.

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Color

Yxy(92.3027, 0.3956, 0.4771)

Conversions

Conversions Part 1

Format	Color
Hex	F8FF5F
RGB	248, 255, 95
RGB Percent	97%, 100%, 37%
CMY	0.0275, 0.0000, 0.6271
CMYK	0.03, 0.00, 0.63, 0.00
HSL	63°, 100%, 69%
HSV	63°, 63%, 100%
XYZ	76.5352, 92.3027, 24.6282
YIQ	234.6670, 47.1880, -51.2440

Conversions

Conversions Part 2

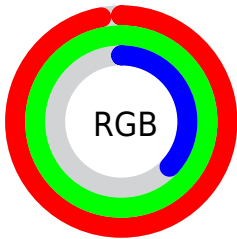
Format	Color
RYB	95, 255, 102
Decimal	16318303
CIELab	96.94, -21.66, 72.87
CIELCh	97, 76.023, 106.552
Yxy	92.3027, 0.3956, 0.4771
Android (android.graphics.Color)	4294508383 (0xFFFF8FF5F)
YUV	234.6670, -68.8558, 11.6930
Hunter-Lab	96.0743, -25.9324, 52.0533

Details

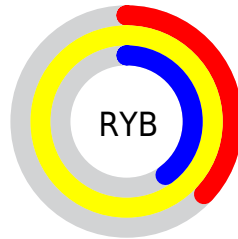
The Yxy color **92.3027, 0.3956, 0.4771** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **18.2509, 0.1939, 0.1280**, and the grayscale version is **83.3206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3734, 0.4293**, and **51.1785, 0.4063, 0.5049** is the 20% darker color. If you saturate the color by 10%, you get **91.7061, 0.4034, 0.4922**, and if you desaturate by 10%, it is **93.0486, 0.3854, 0.4581**.

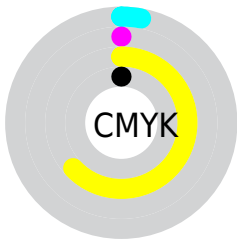
Distribution



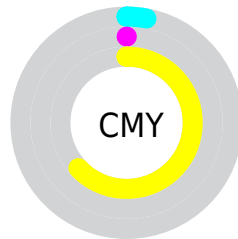
- Red (97%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3027, 0.3956, 0.4771 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 92.3027, 0.3956, 0.4771 by changing the saturation by 10% instead.


 92.3027, 0.3956,
0.4771


 92.3027, 0.3956,
0.4771

535.4933, 0.3640,
0.4129


 69.8921, 0.4008,
0.4900


 150.5329, 0.3862,
0.4562


 51.4386, 0.4061,
0.5048

 187.1212, 0.3821,
0.4476

 36.5577, 0.4112,
0.5218

 229.2042, 0.3784,
0.4401

 24.8653, 0.4151,
0.5410

 277.1663, 0.3750,
0.4334

 15.9767, 0.4170,
0.5631

331.3918, 0.3718,
0.4274

 9.5077, 0.4134,
0.5866


392.2653, 0.3690,


 5.0738, 0.3955,


0.4221

0.6045


460.1710, 0.3664,
0.4172


 2.2906, 0.3665,
0.6335


 0.7687, 0.2080,
0.7920


 92.3027, 0.3956,
0.4771


 92.3027, 0.3956,
0.4771


 91.7061, 0.4034,
0.4922


 93.0486, 0.3854,
0.4581


 91.2489, 0.4085,
0.5028

 93.9626, 0.3733,
0.4359

 90.9105, 0.4110,
0.5091

 95.0549, 0.3597,
0.4116

 90.7188, 0.4115,
0.5114

 96.3363, 0.3454,
0.3862

97.8166, 0.3309,
0.3606

99.5052, 0.3165,
0.3356

100.0000, 0.3127,
0.3290

Harmonies

Analogous

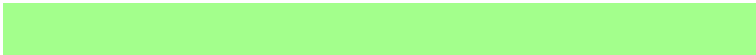
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3027, 0.4564, 0.4315



92.3027, 0.3956, 0.4771



92.3027, 0.3172, 0.4788

Triad

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



92.3027, 0.3956, 0.4771



92.3027, 0.1699, 0.2514



92.3027, 0.3758, 0.2587

Complementary

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



92.3027, 0.3956, 0.4771



18.2509, 0.1939, 0.1280

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.



92.3027, 0.2893, 0.2206



92.3027, 0.3956, 0.4771



92.3027, 0.1806, 0.2123

Square

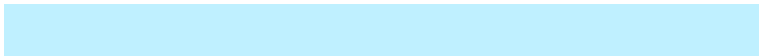
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3027, 0.3956, 0.4771



92.3027, 0.1898, 0.3248



92.3027, 0.2206, 0.2037



92.3027, 0.4501, 0.3116

Rectangle

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



92.3027, 0.3956, 0.4771



92.3027, 0.2652, 0.4437



92.3027, 0.2206, 0.2037



92.3027, 0.3465, 0.2439

Sweetspot

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



92.3009, 0.3956, 0.4771



96.8619, 0.3400, 0.3767



31.2823, 0.5121, 0.3344



20.6452, 0.3442, 0.3841



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.



92.3009, 0.3956, 0.4771



91.5899, 0.4048, 0.4950



80.8619, 0.3422, 0.5092



21.0477, 0.3262, 0.3525



47.4204, 0.4117, 0.5113



4.6292, 0.4126, 0.5106

Inverse Universe

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



18.2509, 0.1939, 0.1280



12.2419, 0.1727, 0.0938



25.1682, 0.2511, 0.1539



17.4158, 0.2985, 0.3045



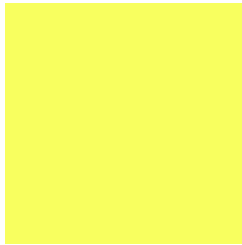
3.8268, 0.1513, 0.0607



0.3854, 0.1544, 0.0624

Previews

White Background



This preview shows how the Yxy color 92.3027, 0.3956, 0.4771 looks on a white background.

Color Contrast Check

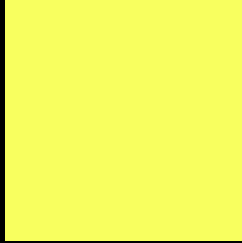
Large Text (above 18pt) WCAG AA × Fail

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 92.3027, 0.3956, 0.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

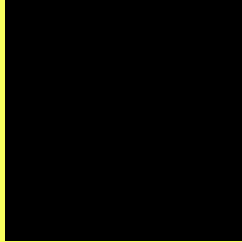
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3027, 0.3956, 0.4771

Background



This preview shows how black text looks on a background with the Yxy color 92.3027, 0.3956, 0.4771.

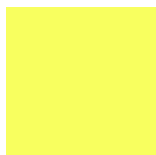


This preview shows how white text looks on a background with the Yxy color 92.3027, 0.3956, 0.4771.

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



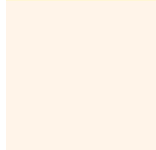
Original Color

92.3027, 0.3956, 0.4771



Protanopia

91.9756, 0.3389, 0.3616



Deuteranopia

91.8446, 0.3267, 0.3398



Tritanopia

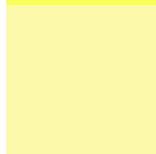
91.7925, 0.3151, 0.3194

Trichromacy



Original Color

92.3027, 0.3956, 0.4771



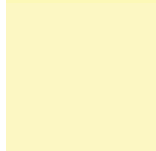
Protanomaly

91.3491, 0.3628, 0.4078



Deuteranomaly

91.2491, 0.3552, 0.3940



Tritanomaly

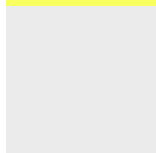
91.1571, 0.3480, 0.3810

Monochromacy



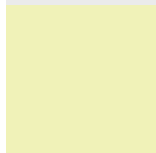
Original Color

92.3027, 0.3956, 0.4771



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.4902, 0.3475, 0.3892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3027, 0.3956, 0.4771 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(248, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 95)  
}
```

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(248, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 95) }
```

Border

The CSS property to change the border of an element to Yxy 92.3027, 0.3956, 0.4771 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(248, 255, 95) }
```

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

```
.border{ border-color:rgb(248, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3027, 0.3956, 0.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 95) }
```

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

```
.background{ background-color: rgb(248,  
255, 95) }
```

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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