

Converting Colors

$Yxy(94.9263, 0.3929, 0.4834)$

Have a look what the booklet for
Yxy(94.9263, 0.3929, 0.4834)
contains.

Yxy(91.8855, 0.3954, 0.4799)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.8855, 0.3954, 0.4799)

Conversions

Conversions Part 1

Format	Color
Hex	F6FF5C
RGB	246, 255, 92
RGB Percent	96%, 100%, 36%
CMY	0.0352, 0.0000, 0.6391
CMYK	0.04, 0.00, 0.64, 0.00
HSL	63°, 100%, 68%
HSV	63°, 64%, 100%
XYZ	75.7065, 91.8855, 23.8761
YIQ	233.7270, 46.9590, -52.6010

Conversions

Conversions Part 2

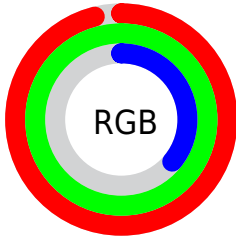
Format	Color
R _Y B	92, 255, 101
Decimal	16187228
CIE Lab	96.77, -22.61, 73.83
CIE LCh	97, 77.216, 107.025
Yxy	91.8855, 0.3954, 0.4799
Android (android.graphics.Color)	4294377308 (0xFFFF6FF5C)
YUV	233.7270, -69.8714, 10.7634
Hunter-Lab	95.8569, -26.7728, 52.3319

Details

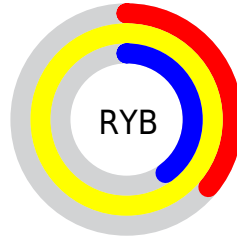
The Yxy color **91.8855, 0.3954, 0.4799** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **17.6455, 0.1926, 0.1247**, and the grayscale version is **82.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **50.9019, 0.4055, 0.5080** is the 20% darker color. If you saturate the color by 10%, you get **91.2633, 0.4027, 0.4947**, and if you desaturate by 10%, it is **92.6681, 0.3857, 0.4611**.

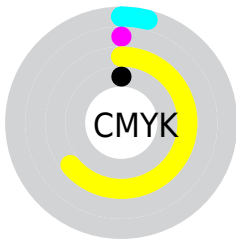
Distribution



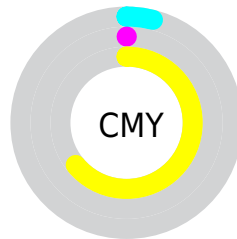
- Red (96%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8855, 0.3954, 0.4799 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 91.8855, 0.3954, 0.4799 by changing the saturation by 10% instead.


 91.8855, 0.3954,
0.4799

 91.8855, 0.3954,
0.4799


534.1454, 0.3641,
0.4144


 69.5455, 0.4004,
0.4930

 149.9547, 0.3862,
0.4586

 51.1561, 0.4056,
0.5081

 186.4527, 0.3821,
0.4498

 36.3329, 0.4103,
0.5254


 228.4388, 0.3784,
0.4421

 24.6914, 0.4138,
0.5449

 276.2975, 0.3750,
0.4353

 15.8473, 0.4153,
0.5677

330.4131, 0.3719,
0.4292

 9.4161, 0.4098,
0.5902

391.1700, 0.3691,

 5.0136, 0.3910,

0.4238

0.6090

458.9527, 0.3665,
0.4189

■ 2.2552, 0.3603,
0.6397

■ 0.7499, 0.1766,
0.8234

■ 91.8855, 0.3954,
0.4799

■ 91.8855, 0.3954,
0.4799

■ 91.2633, 0.4027,
0.4947

■ 92.6681, 0.3857,
0.4611

■ 90.7731, 0.4073,
0.5050

■ 93.6120, 0.3739,
0.4391

■ 90.3998, 0.4093,
0.5110

■ 94.7334, 0.3608,
0.4148

■ 90.2130, 0.4096,
0.5130

■ 96.0434, 0.3467,
0.3894

97.5518, 0.3324,
0.3637

99.2682, 0.3181,
0.3386

99.9984, 0.3127,
0.3290

Harmonies

Analogous

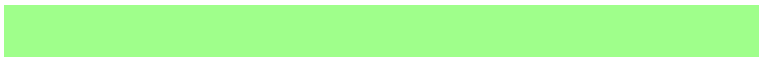
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8855, 0.4577, 0.4335



91.8855, 0.3954, 0.4799



91.8855, 0.3157, 0.4811

Triad

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



91.8855, 0.3954, 0.4799



91.8855, 0.1679, 0.2491



91.8855, 0.3782, 0.2584

Complementary

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



91.8855, 0.3954, 0.4799



17.6455, 0.1926, 0.1247

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.



91.8855, 0.2901, 0.2195



91.8855, 0.3954, 0.4799



91.8855, 0.1792, 0.2102

Square

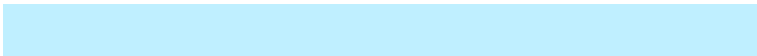
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8855, 0.3954, 0.4799



91.8855, 0.1874, 0.3232



91.8855, 0.2201, 0.2021



91.8855, 0.4534, 0.3121

Rectangle

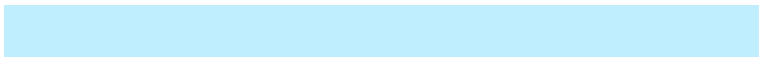
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8855, 0.3954, 0.4799



91.8855, 0.2631, 0.4448



91.8855, 0.2201, 0.2021



91.8855, 0.3484, 0.2434

Sweetspot

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



91.8897, 0.3954, 0.4799



96.7609, 0.3397, 0.3768



31.1810, 0.5158, 0.3369



20.6204, 0.3438, 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.



91.8897, 0.3954, 0.4799



91.1002, 0.4044, 0.4984



80.3300, 0.3406, 0.5135



21.0368, 0.3261, 0.3525



47.1614, 0.4097, 0.5129



4.6069, 0.4109, 0.5120

Inverse Universe

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



17.6455, 0.1926, 0.1247



11.5940, 0.1707, 0.0896



24.7830, 0.2519, 0.1520



17.4254, 0.2987, 0.3045



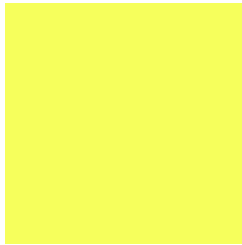
3.8405, 0.1516, 0.0609



0.3900, 0.1554, 0.0630

Previews

White Background



This preview shows how the Yxy color 91.8855, 0.3954, 0.4799 looks on a white background.

Color Contrast Check

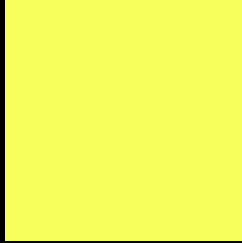
Large Text (above 18pt) WCAG AA × Fail

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 91.8855, 0.3954, 0.4799 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 91.8855, 0.3954, 0.4799

Background



This preview shows how black text looks on a background with the Yxy color 91.8855, 0.3954, 0.4799.

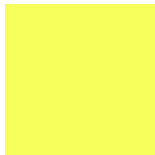


This preview shows how white text looks on a background with the Yxy color 91.8855, 0.3954, 0.4799.

Color Blindness Simulation

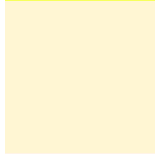
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



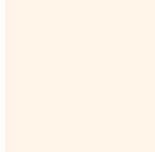
Original Color

91.8855, 0.3954, 0.4799



Protanopia

91.8747, 0.3402, 0.3636



Deuteranopia

91.7309, 0.3279, 0.3418



Tritanopia

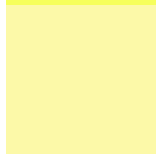
91.7925, 0.3151, 0.3194

Trichromacy



Original Color

91.8855, 0.3954, 0.4799



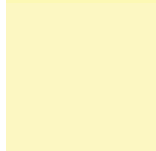
Protanomaly

91.2740, 0.3640, 0.4098



Deuteranomaly

91.1255, 0.3570, 0.3970



Tritanomaly

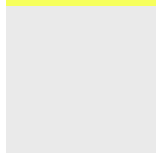
91.1120, 0.3486, 0.3820

Monochromacy



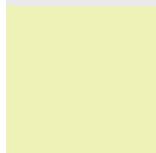
Original Color

91.8855, 0.3954, 0.4799



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

85.0588, 0.3474, 0.3916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8855, 0.3954, 0.4799 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 92) }
```

Border

The CSS property to change the border of an element to Yxy 91.8855, 0.3954, 0.4799 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, 92) }
```

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

```
.border{ border-color:rgb(246, 255, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 92);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8855, 0.3954, 0.4799 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, 92) }
```

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

```
.background{ background-color: rgb(246,  
255, 92) }
```

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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