

Converting Colors

$Yxy(92.7086, 0.3939, 0.4718)$

Have a look what the booklet for
Yxy(92.7086, 0.3939, 0.4718)
contains.

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Color

Yxy(92.6190, 0.3936, 0.4720)

Conversions

Conversions Part 1

Format	Color
Hex	F9FF66
RGB	249, 255, 102
RGB Percent	98%, 100%, 40%
CMY	0.0234, 0.0000, 0.6000
CMYK	0.02, 0.00, 0.60, 0.00
HSL	62°, 100%, 70%
HSV	62°, 60%, 100%
XYZ	77.2348, 92.6190, 26.3729
YIQ	235.7640, 45.5370, -48.8550

Conversions

Conversions Part 2

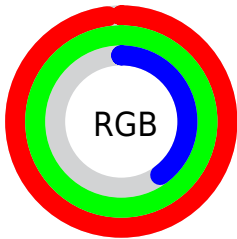
Format	Color
R_{YB}	102, 255, 108
Decimal	16383846
CIE Lab	97.07, -20.80, 70.28
CIE LCh	97, 73.296, 106.486
Yxy	92.6190, 0.3936, 0.4720
Android (android.graphics.Color)	4294573926 (0xFFFF9FF66)
YUV	235.7640, -65.9457, 11.6080
Hunter-Lab	96.2388, -25.1656, 51.1196

Details

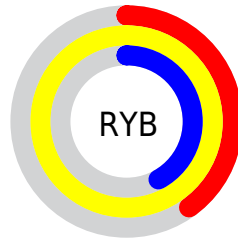
The Yxy color **92.6190, 0.3936, 0.4720** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **19.9051, 0.1987, 0.1365**, and the grayscale version is **84.1845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **51.5025, 0.4052, 0.4987** is the 20% darker color. If you saturate the color by 10%, you get **92.0108, 0.4021, 0.4881**, and if you desaturate by 10%, it is **93.3922, 0.3827, 0.4521**.

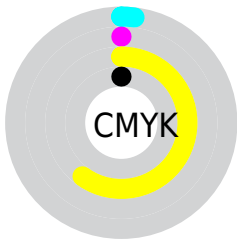
Distribution



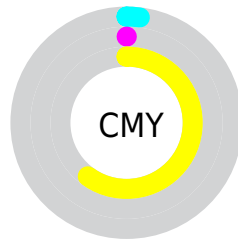
- Red (98%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6190, 0.3936, 0.4720 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 92.6190, 0.3936, 0.4720 by changing the saturation by 10% instead.


 92.6190, 0.3936,
0.4720

 92.6190, 0.3936,
0.4720


536.5140, 0.3624,
0.4098


 70.1549, 0.3989,
0.4846


 150.9710, 0.3842,
0.4516


 51.6528, 0.4044,
0.4991


 187.6277, 0.3802,
0.4433

 36.7284, 0.4098,
0.5160


 229.7840, 0.3765,
0.4360

 24.9973, 0.4144,
0.5352

 277.8244, 0.3731,
0.4296

 16.0750, 0.4168,
0.5568

332.1332, 0.3700,
0.4238

 9.5773, 0.4166,
0.5834


393.0948, 0.3673,


 5.1196, 0.3996,


0.4186


0.6004


461.0936, 0.3647,
0.4140


 2.3176, 0.3719,
0.6281

 0.7830, 0.2319,
0.7681


 92.6190, 0.3936,
0.4720


 92.6190, 0.3936,
0.4720

 92.0108, 0.4021,
0.4881


 93.3922, 0.3827,
0.4521


 91.5400, 0.4081,
0.4999


 94.3306, 0.3701,
0.4294

 91.1933, 0.4114,
0.5072

 95.4500, 0.3562,
0.4048

 90.9420, 0.4124,
0.5107

 96.7609, 0.3417,
0.3793

 98.2731, 0.3270,
0.3538

99.9957, 0.3127,
0.3290

99.9974, 0.3127,
0.3290

Harmonies

Analogous

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



92.6190, 0.4520, 0.4288



92.6190, 0.3936, 0.4720



92.6190, 0.3177, 0.4727

Triad

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



92.6190, 0.3936, 0.4720



92.6190, 0.1743, 0.2545



92.6190, 0.3734, 0.2609

Complementary

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



92.6190, 0.3936, 0.4720



19.9051, 0.1987, 0.1365

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.



92.6190, 0.2901, 0.2238



92.6190, 0.3936, 0.4720



92.6190, 0.1845, 0.2162

Square

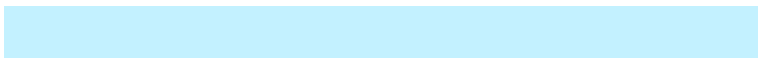
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6190, 0.3936, 0.4720



92.6190, 0.1939, 0.3256



92.6190, 0.2236, 0.2075



92.6190, 0.4449, 0.3125

Rectangle

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



92.6190, 0.3936, 0.4720



92.6190, 0.2674, 0.4390



92.6190, 0.2236, 0.2075



92.6190, 0.3452, 0.2465

Sweetspot

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



92.6233, 0.3936, 0.4720



97.0510, 0.3387, 0.3741



32.7523, 0.4992, 0.3343



20.6844, 0.3430, 0.3816



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.



92.6233, 0.3936, 0.4720



91.9093, 0.4035, 0.4908



81.4055, 0.3419, 0.5018



21.0526, 0.3263, 0.3525



47.5368, 0.4125, 0.5106



4.6393, 0.4134, 0.5100

Inverse Universe

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



19.9051, 0.1987, 0.1365



13.4205, 0.1770, 0.1010



26.8604, 0.2545, 0.1610



17.4115, 0.2984, 0.3044



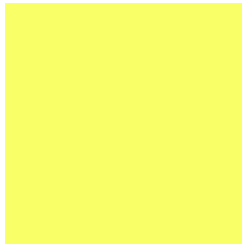
3.8207, 0.1511, 0.0606



0.3833, 0.1539, 0.0621

Previews

White Background



This preview shows how the Yxy color 92.6190, 0.3936, 0.4720 looks on a white background.

Color Contrast Check

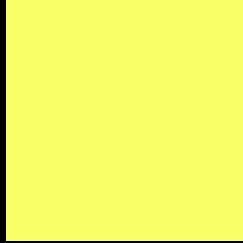
Large Text (above 18pt) WCAG AA × Fail

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 92.6190, 0.3936, 0.4720 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 92.6190, 0.3936, 0.4720

Background



This preview shows how black text looks on a background with the Yxy color 92.6190, 0.3936, 0.4720.



This preview shows how white text looks on a background with the Yxy color 92.6190, 0.3936, 0.4720.

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



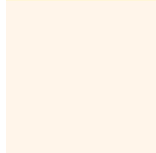
Original Color

92.6190, 0.3936, 0.4720



Protanopia

92.1294, 0.3371, 0.3586



Deuteranopia

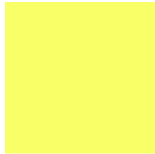
92.5053, 0.3259, 0.3398



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.6190, 0.3936, 0.4720



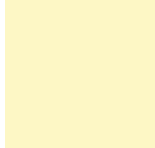
Protanomaly

91.7292, 0.3605, 0.4027



Deuteranomaly

92.1792, 0.3538, 0.3918



Tritanomaly

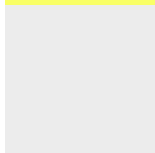
91.4354, 0.3474, 0.3789

Monochromacy



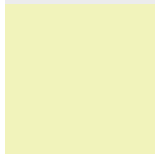
Original Color

92.6190, 0.3936, 0.4720



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

86.3898, 0.3462, 0.3869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6190, 0.3936, 0.4720 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(249, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 102)  
}
```

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(249, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 102) }
```

Border

The CSS property to change the border of an element to Yxy 92.6190, 0.3936, 0.4720 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(249, 255, 102) }
```

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

```
.border{ border-color:rgb(249, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6190, 0.3936, 0.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 102) }
```

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

```
.background{ background-color: rgb(249,  
255, 102) }
```

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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