

Converting Colors

$Y_{xy}(100.0000, 0.3993, 0.5014)$

Have a look what the booklet for
Yxy(100.0000, 0.3993, 0.5014)
contains.

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Color

Yxy(92.0186, 0.4066, 0.4942)

Conversions

Conversions Part 1

Format	Color
Hex	F9FF3F
RGB	249, 255, 63
RGB Percent	98%, 100%, 25%
CMY	0.0238, 0.0000, 0.7530
CMYK	0.02, 0.00, 0.75, 0.00
HSL	62°, 100%, 62%
HSV	62°, 75%, 100%
XYZ	75.7077, 92.0186, 18.4708
YIQ	231.3180, 58.0560, -60.9840

Conversions

Conversions Part 2

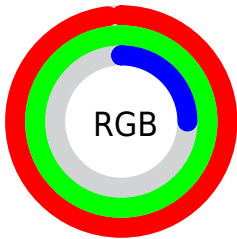
Format	Color
RYB	63, 255, 69
Decimal	16383807
CIELab	96.83, -22.84, 83.82
CIELCh	97, 86.873, 105.243
Yxy	92.0186, 0.4066, 0.4942
Android (android.graphics.Color)	4294573887 (0xFFFF9FF3F)
YUV	231.3180, -82.9808, 15.5071
Hunter-Lab	95.9263, -26.9939, 55.7321

Details

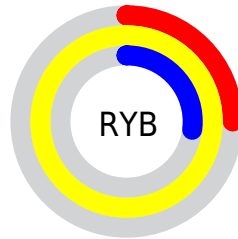
The Yxy color **92.0186, 0.4066, 0.4942** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **12.0406, 0.1713, 0.0926**, and the grayscale version is **80.7427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2607, 0.3874, 0.4525**, and **51.5382, 0.4097, 0.5129** is the 20% darker color. If you saturate the color by 10%, you get **91.6376, 0.4113, 0.5034**, and if you desaturate by 10%, it is **92.5094, 0.3993, 0.4805**.

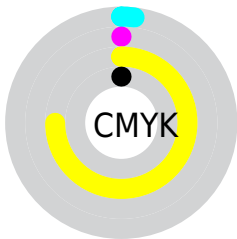
Distribution



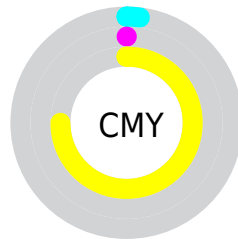
- Red (98%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (27%)



- Cyan (2%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0186, 0.4066, 0.4942 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 92.0186, 0.4066, 0.4942 by changing the saturation by 10% instead.


 92.0186, 0.4066,
0.4942


 92.0186, 0.4066,
0.4942


534.5756, 0.3725,
0.4244

 69.6561, 0.4115,
0.5075


 150.1392, 0.3970,
0.4720

 51.2462, 0.4162,
0.5223


 186.6660, 0.3927,
0.4627

 36.4046, 0.4199,
0.5387

 228.6831, 0.3886,
0.4545

 24.7468, 0.4215,
0.5563

 276.5748, 0.3848,
0.4471

 15.8885, 0.4219,
0.5781

 330.7255, 0.3814,
0.4405

 9.4453, 0.4090,
0.5910

391.5196, 0.3782,


 5.0328, 0.3901,


0.4346


0.6099


459.3415, 0.3753,
0.4292


 2.2665, 0.3592,
0.6408


 0.7559, 0.1755,
0.8245


 92.0186, 0.4066,
0.4942


 92.0186, 0.4066,
0.4942

 91.6376, 0.4113,
0.5034


 92.5094, 0.3993,
0.4805


 91.3806, 0.4134,
0.5084

 93.1602, 0.3895,
0.4627


 91.2852, 0.4137,
0.5097

 93.9734, 0.3776,
0.4415

 94.9612, 0.3641,
0.4178

 96.1349, 0.3497,
0.3927

 97.5044, 0.3350,
0.3672

 99.0792, 0.3203,
0.3420

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.



92.0186, 0.4752, 0.4375



92.0186, 0.4066, 0.4942



92.0186, 0.3190, 0.5041

Triad

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



92.0186, 0.4066, 0.4942



92.0186, 0.1540, 0.2425



92.0186, 0.3797, 0.2477

Complementary

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



92.0186, 0.4066, 0.4942



12.0406, 0.1713, 0.0926

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.



92.0186, 0.2814, 0.2069



92.0186, 0.4066, 0.4942



92.0186, 0.1646, 0.1991

Square

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



92.0186, 0.4066, 0.4942



92.0186, 0.1762, 0.3270



92.0186, 0.2066, 0.1894



92.0186, 0.4669, 0.3049

Rectangle

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



92.0186, 0.4066, 0.4942



92.0186, 0.2607, 0.4664



92.0186, 0.2066, 0.1894



92.0186, 0.3459, 0.2318

Sweetspot

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



92.0073, 0.4066, 0.4942



96.4320, 0.3463, 0.3869



25.5371, 0.5731, 0.3319



20.5415, 0.3516, 0.3961



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.



92.0073, 0.4066, 0.4942



91.5042, 0.4125, 0.5062



78.9261, 0.3434, 0.5386



21.0598, 0.3264, 0.3525



47.7116, 0.4138, 0.5096



4.6543, 0.4145, 0.5091

Inverse Universe

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



12.0406, 0.1713, 0.0926



8.2560, 0.1553, 0.0674



18.4753, 0.2324, 0.1235



17.4051, 0.2983, 0.3044



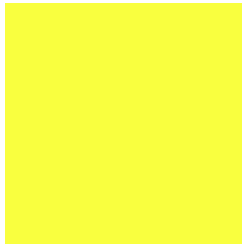
3.8116, 0.1509, 0.0605



0.3803, 0.1531, 0.0617

Previews

White Background



This preview shows how the Yxy color 92.0186, 0.4066, 0.4942 looks on a white background.

Color Contrast Check

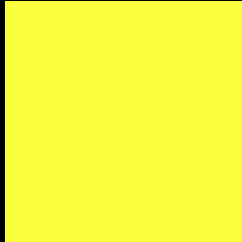
Large Text (above 18pt) WCAG AA × Fail

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 92.0186, 0.4066, 0.4942 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 92.0186, 0.4066, 0.4942

Background



This preview shows how black text looks on a background with the Yxy color 92.0186, 0.4066, 0.4942.

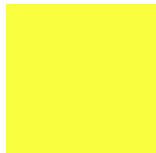


This preview shows how white text looks on a background with the Yxy color 92.0186, 0.4066, 0.4942.

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



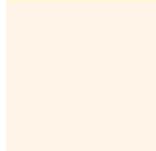
Original Color

92.0186, 0.4066, 0.4942



Protanopia

91.8747, 0.3402, 0.3636



Deuteranopia

91.7309, 0.3279, 0.3418



Tritanopia

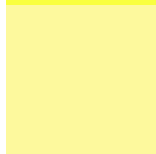
91.7293, 0.3157, 0.3203

Trichromacy



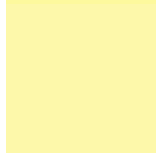
Original Color

92.0186, 0.4066, 0.4942



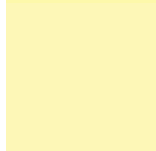
Protanomaly

91.0683, 0.3712, 0.4201



Deuteranomaly

90.9197, 0.3638, 0.4067



Tritanomaly

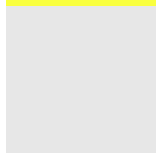
90.8231, 0.3561, 0.3930

Monochromacy



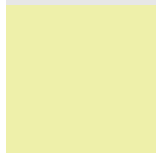
Original Color

92.0186, 0.4066, 0.4942



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

83.3996, 0.3554, 0.4023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0186, 0.4066, 0.4942 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, 63)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 63)  
}
```

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, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 63) }
```

Border

The CSS property to change the border of an element to Yxy 92.0186, 0.4066, 0.4942 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, 63) }
```

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

```
.border{ border-color:rgb(249, 255, 63) }
```

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, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 63);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0186, 0.4066, 0.4942 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, 63) }
```

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

```
.background{ background-color: rgb(249,  
255, 63) }
```

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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