

Converting Colors

$Yxy(93.2486, 0.4083, 0.4871)$

Have a look what the booklet for
Yxy(93.2486, 0.4083, 0.4871)
contains.

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Color

Yxy(93.2479, 0.4084, 0.4871)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF48
RGB	255, 255, 72
RGB Percent	100%, 100%, 28%
CMY	0.0000, 0.0000, 0.7177
CMYK	0.00, 0.00, 0.72, 0.00
HSL	60°, 100%, 64%
HSV	60°, 72%, 100%
XYZ	78.1820, 93.2479, 20.0049
YIQ	234.1380, 58.7430, -56.9130

Conversions

Conversions Part 2

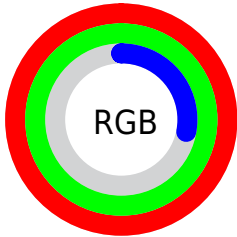
Format	Color
R _Y B	72, 255, 72
Decimal	16777032
CIE Lab	97.33, -20.00, 81.69
CIE LCh	97, 84.107, 103.757
Yxy	93.2479, 0.4084, 0.4871
Android (android.graphics.Color)	4294967112 (0xFFFFFFFF48)
YUV	234.1380, -79.9340, 18.2960
Hunter-Lab	96.5650, -24.4695, 55.3126

Details

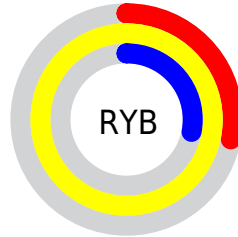
The Yxy color **93.2479, 0.4084, 0.4871** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **13.2306, 0.1742, 0.1001**, and the grayscale version is **82.9684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.9763, 0.4145, 0.4973**, and if you desaturate by 10%, it is **93.6485, 0.3996, 0.4726**.

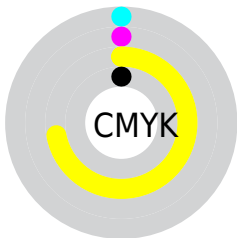
Distribution



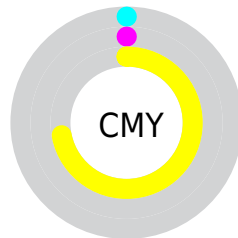
- Red (100%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2479, 0.4084, 0.4871 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 93.2479, 0.4084, 0.4871 by changing the saturation by 10% instead.


 93.2479, 0.4084,
0.4871

 93.2479, 0.4084,
0.4871


538.5405, 0.3729,
0.4205


 70.6776, 0.4139,
0.4998


 151.8418, 0.3982,
0.4659


 52.0791, 0.4192,
0.5140


 188.6341, 0.3936,
0.4571

 37.0681, 0.4240,
0.5297


 230.9359, 0.3894,
0.4492

 25.2603, 0.4270,
0.5466

 279.1315, 0.3855,
0.4422

 16.2711, 0.4307,
0.5693

 333.6054, 0.3820,
0.4359

 9.7162, 0.4197,
0.5803


394.7419, 0.3787,


 5.2112, 0.4036,


0.4303


0.5964

462.9255, 0.3757,
0.4252


 2.3717, 0.3774,
0.6226


 0.8113, 0.2585,
0.7415


 93.2479, 0.4084,
0.4871


 93.2479, 0.4084,
0.4871


 92.9763, 0.4145,
0.4973


 93.6485, 0.3996,
0.4726

 92.8287, 0.4180,
0.5031


 94.2066, 0.3884,
0.4541

 92.7741, 0.4193,
0.5053

 94.9310, 0.3753,
0.4325

 95.8335, 0.3609,
0.4086

 96.9247, 0.3457,
0.3835

 98.2147, 0.3304,
0.3582

 99.7124, 0.3153,
0.3333

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.



93.2479, 0.4729, 0.4321



93.2479, 0.4084, 0.4871



93.2479, 0.3239, 0.4985

Triad

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



93.2479, 0.4084, 0.4871



93.2479, 0.1588, 0.2489



93.2479, 0.3727, 0.2478

Complementary

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



93.2479, 0.4084, 0.4871



13.2306, 0.1742, 0.1001

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.



93.2479, 0.2784, 0.2090



93.2479, 0.4084, 0.4871



93.2479, 0.1675, 0.2044

Square

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



93.2479, 0.4084, 0.4871



93.2479, 0.1825, 0.3325



93.2479, 0.2071, 0.1932



93.2479, 0.4582, 0.3031

Rectangle

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



93.2479, 0.4084, 0.4871



93.2479, 0.2669, 0.4646



93.2479, 0.2071, 0.1932



93.2479, 0.3402, 0.2326

Sweetspot

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



93.2434, 0.4084, 0.4871



96.8976, 0.3460, 0.3841



26.4011, 0.5560, 0.3275



20.6729, 0.3502, 0.3910



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.



93.2434, 0.4084, 0.4871



92.9005, 0.4163, 0.5002



80.1534, 0.3478, 0.5282



21.0907, 0.3269, 0.3525



48.4765, 0.4193, 0.5053



4.7200, 0.4193, 0.5053

Inverse Universe

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



13.2306, 0.1742, 0.1001



8.8338, 0.1570, 0.0715



19.3718, 0.2317, 0.1284



17.3779, 0.2978, 0.3044



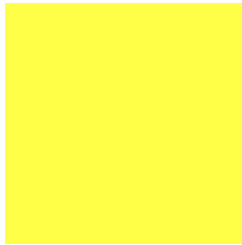
3.7728, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 93.2479, 0.4084, 0.4871 looks on a white background.

Color Contrast Check

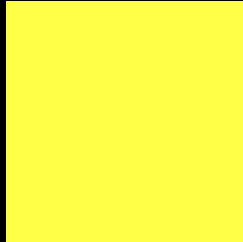
Large Text (above 18pt) WCAG AA × Fail

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 93.2479, 0.4084, 0.4871 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 93.2479, 0.4084, 0.4871

Background



This preview shows how black text looks on a background with the Yxy color 93.2479, 0.4084, 0.4871.



This preview shows how white text looks on a background with the Yxy color 93.2479, 0.4084, 0.4871.

Color Blindness Simulation

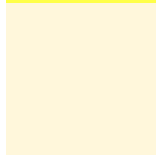
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



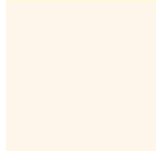
Original Color

93.2479, 0.4084, 0.4871



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

93.1697, 0.3252, 0.3397



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



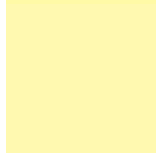
Original Color

93.2479, 0.4084, 0.4871



Protanomaly

92.3844, 0.3670, 0.4119



Deuteranomaly

92.1460, 0.3613, 0.4014



Tritanomaly

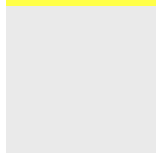
91.8976, 0.3561, 0.3916

Monochromacy



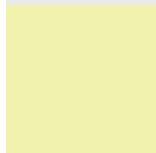
Original Color

93.2479, 0.4084, 0.4871



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

85.4767, 0.3546, 0.3983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2479, 0.4084, 0.4871 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(255, 255, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 72)  
}
```

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(255, 255, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 72) }
```

Border

The CSS property to change the border of an element to Yxy 93.2479, 0.4084, 0.4871 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(255, 255, 72) }
```

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

```
.border{ border-color:rgb(255, 255, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
72) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 93.2479, 0.4084, 0.4871$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 72) }
```

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

```
.background{ background-color: rgb(255,  
255, 72) }
```

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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