

Converting Colors

Yxy(93.0618, 0.4078, 0.4878)

Have a look what the booklet for
Yxy(93.0618, 0.4078, 0.4878)
contains.

Yxy(93.0587, 0.4077, 0.4876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.0587, 0.4077, 0.4876)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF48
RGB	254, 255, 72
RGB Percent	100%, 100%, 28%
CMY	0.0038, 0.0000, 0.7178
CMYK	0.00, 0.00, 0.72, 0.00
HSL	60°, 100%, 64%
HSV	60°, 72%, 100%
XYZ	77.8097, 93.0587, 19.9820
YIQ	233.8390, 58.1470, -57.1250

Conversions

Conversions Part 2

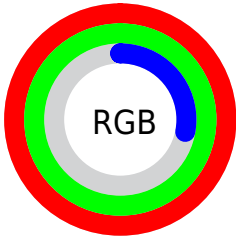
Format	Color
R _Y B	72, 255, 73
Decimal	16711496
CIE Lab	97.25, -20.42, 81.61
CIE LCh	97, 84.121, 104.046
Yxy	93.0587, 0.4077, 0.4876
Android (android.graphics.Color)	4294901576 (0xFFFEFF48)
YUV	233.8390, -79.7866, 17.6812
Hunter-Lab	96.4669, -24.8399, 55.2456

Details

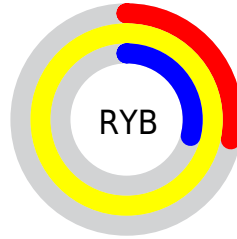
The Yxy color **93.0587, 0.4077, 0.4876** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **13.2612, 0.1746, 0.1002**, and the grayscale version is **82.7354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **52.1843, 0.4141, 0.5094** is the 20% darker color. If you saturate the color by 10%, you get **92.7712, 0.4137, 0.4979**, and if you desaturate by 10%, it is **93.4927, 0.3990, 0.4730**.

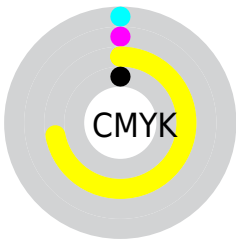
Distribution



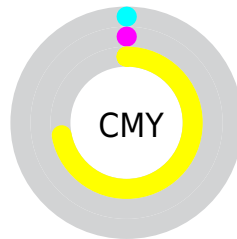
- Red (100%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (29%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0587, 0.4077, 0.4876 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 93.0587, 0.4077, 0.4876 by changing the saturation by 10% instead.


 93.0587, 0.4077,
0.4876


 93.0587, 0.4077,
0.4876


537.9313, 0.3725,
0.4207

 70.5203, 0.4131,
0.5004


 151.5799, 0.3976,
0.4663

 51.9508, 0.4184,
0.5147


 188.3314, 0.3931,
0.4574


 36.9659, 0.4230,
0.5306


 230.5895, 0.3889,
0.4495

 25.1811, 0.4259,
0.5476

 278.7385, 0.3850,
0.4425

 16.2120, 0.4294,
0.5706

 333.1627, 0.3815,
0.4362

 9.6743, 0.4182,
0.5818


394.2467, 0.3783,


 5.1835, 0.4016,

0.4305


0.5984


462.3747, 0.3753,
0.4253

 2.3554, 0.3748,
0.6252


 0.8028, 0.2479,
0.7521


 93.0587, 0.4077,
0.4876


 93.0587, 0.4077,
0.4876


 92.7712, 0.4137,
0.4979


 93.4927, 0.3990,
0.4730

 92.5989, 0.4172,
0.5038

 94.0755, 0.3879,
0.4544


 92.5241, 0.4184,
0.5060

 94.8246, 0.3749,
0.4326

 95.7517, 0.3606,
0.4087

 96.8677, 0.3455,
0.3836

 98.1823, 0.3303,
0.3582

 99.7047, 0.3153,
0.3333

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



93.0587, 0.4726, 0.4327



93.0587, 0.4077, 0.4876



93.0587, 0.3230, 0.4984

Triad

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



93.0587, 0.4077, 0.4876



93.0587, 0.1587, 0.2482



93.0587, 0.3737, 0.2482

Complementary

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



93.0587, 0.4077, 0.4876



13.2612, 0.1746, 0.1002

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.



93.0587, 0.2792, 0.2092



93.0587, 0.4077, 0.4876



93.0587, 0.1676, 0.2040

Square

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



93.0587, 0.4077, 0.4876



93.0587, 0.1820, 0.3315



93.0587, 0.2075, 0.1931



93.0587, 0.4589, 0.3037

Rectangle

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



93.0587, 0.4077, 0.4876



93.0587, 0.2661, 0.4640



93.0587, 0.2075, 0.1931



93.0587, 0.3411, 0.2330

Sweetspot

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



93.0630, 0.4077, 0.4876



96.8426, 0.3458, 0.3841



26.3551, 0.5595, 0.3297



20.6597, 0.3500, 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.



93.0630, 0.4077, 0.4876



92.6862, 0.4155, 0.5009



79.8231, 0.3458, 0.5296



21.0856, 0.3268, 0.3525



48.3486, 0.4184, 0.5060



4.7091, 0.4185, 0.5059

Inverse Universe

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



13.2612, 0.1746, 0.1002



8.8544, 0.1572, 0.0717



19.6846, 0.2343, 0.1297



17.3824, 0.2979, 0.3044



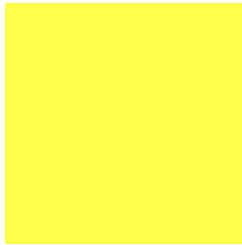
3.7791, 0.1502, 0.0601



0.3695, 0.1505, 0.0603

Previews

White Background



This preview shows how the Yxy color 93.0587, 0.4077, 0.4876 looks on a white background.

Color Contrast Check

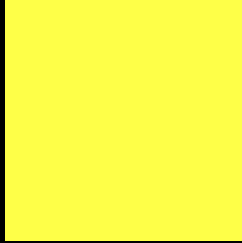
Large Text (above 18pt) WCAG AA × Fail

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 93.0587, 0.4077, 0.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

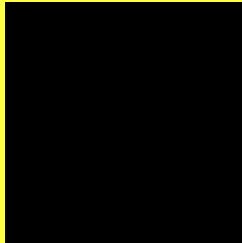
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0587, 0.4077, 0.4876

Background



This preview shows how black text looks on a background with the Yxy color 93.0587, 0.4077, 0.4876.



This preview shows how white text looks on a background with the Yxy color 93.0587, 0.4077, 0.4876.

Color Blindness Simulation

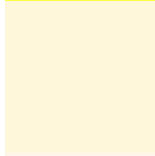
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



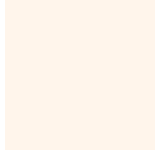
Original Color

93.0587, 0.4077, 0.4876



Protanopia

92.8435, 0.3357, 0.3576



Deuteranopia

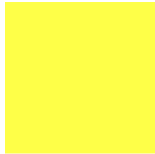
92.5630, 0.3253, 0.3388



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



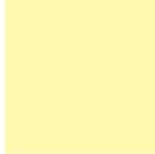
Original Color

93.0587, 0.4077, 0.4876



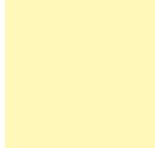
Protanomaly

92.3478, 0.3676, 0.4129



Deuteranomaly

92.1460, 0.3613, 0.4014



Tritanomaly

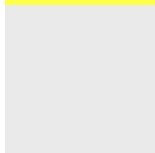
91.8976, 0.3561, 0.3916

Monochromacy



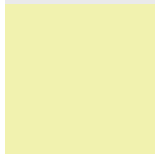
Original Color

93.0587, 0.4077, 0.4876



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

85.3002, 0.3539, 0.3984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0587, 0.4077, 0.4876 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(254, 255, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 255, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 72) }
```

Border

The CSS property to change the border of an element to Yxy 93.0587, 0.4077, 0.4876 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(254, 255, 72) }
```

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

```
.border{ border-color:rgb(254, 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(254, 255, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0587, 0.4077, 0.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 72) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor