

Converting Colors

$Yxy(92.4403, 0.4135, 0.4962)$

Have a look what the booklet for
Yxy(92.4403, 0.4135, 0.4962)
contains.

Yxy(92.1847, 0.4138, 0.4961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.1847, 0.4138, 0.4961)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE32
RGB	254, 254, 50
RGB Percent	100%, 100%, 20%
CMY	0.0039, 0.0039, 0.8044
CMYK	0.00, 0.00, 0.80, 0.00
HSL	60°, 99%, 60%
HSV	60°, 80%, 100%
XYZ	76.8918, 92.1847, 16.7423
YIQ	230.7440, 65.4840, -63.4440

Conversions

Conversions Part 2

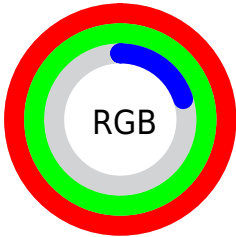
Format	Color
R _Y B	50, 254, 50
Decimal	16711218
CIE Lab	96.90, -20.73, 87.50
CIE LCh	97, 89.922, 103.328
Yxy	92.1847, 0.4138, 0.4961
Android (android.graphics.Color)	4294901298 (0xFFFEFE32)
YUV	230.7440, -89.1068, 20.3955
Hunter-Lab	96.0129, -25.0710, 56.8703

Details

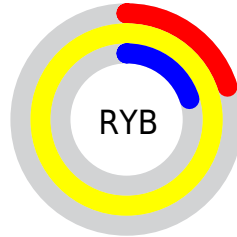
The Yxy color **92.1847, 0.4138, 0.4961** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.1019, 0.1626, 0.0808**, and the grayscale version is **80.3430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **51.7256, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.0271, 0.4177, 0.5025**, and if you desaturate by 10%, it is **92.4722, 0.4073, 0.4853**.

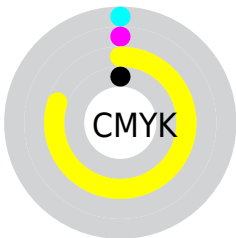
Distribution



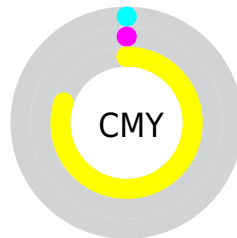
- Red (100%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1847, 0.4138, 0.4961 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 92.1847, 0.4138, 0.4961 by changing the saturation by 10% instead.


 92.1847, 0.4138,
0.4961


 92.1847, 0.4138,
0.4961

535.1123, 0.3774,
0.4267


 69.7940, 0.4190,
0.5089


 150.3694, 0.4037,
0.4744


 51.3587, 0.4238,
0.5230


 186.9321, 0.3990,
0.4652


 36.4941, 0.4276,
0.5382


 228.9878, 0.3946,
0.4570

 24.8161, 0.4292,
0.5542

 276.9206, 0.3906,
0.4496

 15.9401, 0.4281,
0.5719

 331.1151, 0.3869,
0.4430

 9.4817, 0.4166,
0.5834


391.9556, 0.3835,


 5.0567, 0.3995,


0.4370


0.6005


459.8265, 0.3803,
0.4316


 2.2806, 0.3717,
0.6283


 0.7634, 0.2234,
0.7766

 92.1847, 0.4138,
0.4961


 92.1847, 0.4138,
0.4961


 92.0271, 0.4177,
0.5025

 92.4722, 0.4073,
0.4853


 91.9586, 0.4193,
0.5052

 92.8943, 0.3981,
0.4702

 93.4700, 0.3866,
0.4512

 94.2122, 0.3733,
0.4292

 95.1324, 0.3588,
0.4051

 96.2410, 0.3435,
0.3800

 97.5478, 0.3282,
0.3546

99.0618, 0.3133,
0.3299

99.1856, 0.3121,
0.3281

Harmonies

Analogous

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



92.1847, 0.4829, 0.4351



92.1847, 0.4138, 0.4961



92.1847, 0.3243, 0.5124

Triad

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



92.1847, 0.4138, 0.4961



92.1847, 0.1502, 0.2437



92.1847, 0.3751, 0.2420

Complementary

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



92.1847, 0.4138, 0.4961



10.1019, 0.1626, 0.0808

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.



92.1847, 0.2743, 0.2018



92.1847, 0.4138, 0.4961



92.1847, 0.1590, 0.1970

Square

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



92.1847, 0.4138, 0.4961



92.1847, 0.1748, 0.3334



92.1847, 0.1997, 0.1854



92.1847, 0.4677, 0.2996

Rectangle

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



92.1847, 0.4138, 0.4961



92.1847, 0.2640, 0.4773



92.1847, 0.1997, 0.1854



92.1847, 0.3401, 0.2263

Sweetspot

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



92.1890, 0.4138, 0.4961



96.6645, 0.3491, 0.3892



23.6027, 0.5927, 0.3279



20.6055, 0.3545, 0.3981



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.



92.1890, 0.4138, 0.4961



92.7961, 0.4188, 0.5043



78.1234, 0.3464, 0.5456



21.0907, 0.3269, 0.3525



48.4762, 0.4193, 0.5052



4.7200, 0.4193, 0.5053

Inverse Universe

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



10.1019, 0.1626, 0.0808



7.5075, 0.1513, 0.0621



15.7726, 0.2202, 0.1109



17.3779, 0.2978, 0.3044



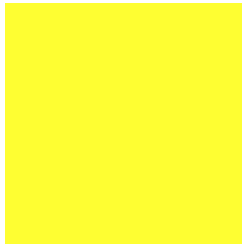
3.7728, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 92.1847, 0.4138, 0.4961 looks on a white background.

Color Contrast Check

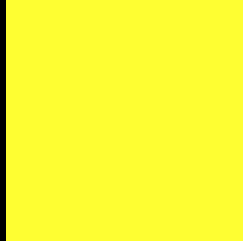
Large Text (above 18pt) WCAG AA × Fail

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 92.1847, 0.4138, 0.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

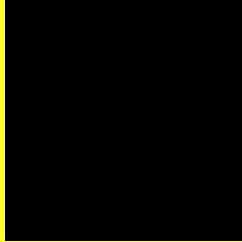
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1847, 0.4138, 0.4961

Background



This preview shows how black text looks on a background with the Yxy color 92.1847, 0.4138, 0.4961.



This preview shows how white text looks on a background with the Yxy color 92.1847, 0.4138, 0.4961.

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



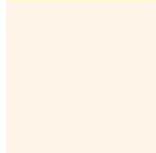
Original Color

92.1847, 0.4138, 0.4961



Protanopia

91.9250, 0.3396, 0.3626



Deuteranopia

91.7876, 0.3273, 0.3408



Tritanopia

92.2007, 0.3169, 0.3232

Trichromacy



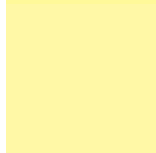
Original Color

92.1847, 0.4138, 0.4961



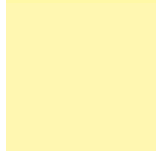
Protanomaly

91.3113, 0.3749, 0.4234



Deuteranomaly

91.1480, 0.3676, 0.4102



Tritanomaly

90.9559, 0.3612, 0.3986

Monochromacy



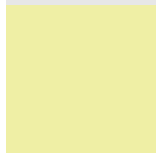
Original Color

92.1847, 0.4138, 0.4961



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.8003, 0.3595, 0.4063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1847, 0.4138, 0.4961 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, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 50)  
}
```

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, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 50) }
```

Border

The CSS property to change the border of an element to Yxy 92.1847, 0.4138, 0.4961 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, 254, 50) }
```

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

```
.border{ border-color:rgb(254, 254, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1847, 0.4138, 0.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 50) }
```

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

```
.background{ background-color: rgb(254,  
254, 50) }
```

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