

Converting Colors

$Yxy(92.0645, 0.4101, 0.4984)$

Have a look what the booklet for
Yxy(92.0645, 0.4101, 0.4984)
contains.

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Color

Yxy(92.0830, 0.4101, 0.4983)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF33
RGB	250, 255, 51
RGB Percent	98%, 100%, 20%
CMY	0.0196, 0.0000, 0.7994
CMYK	0.02, 0.00, 0.80, 0.00
HSL	61°, 100%, 60%
HSV	61°, 80%, 100%
XYZ	75.7841, 92.0830, 16.9272
YIQ	230.2490, 62.5040, -64.5040

Conversions

Conversions Part 2

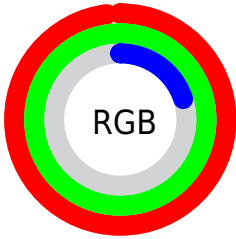
Format	Color
R_{YB}	51, 255, 56
Decimal	16449331
CIE _{Lab}	96.85, -22.80, 87.04
CIE _{LCh}	97, 89.972, 104.678
Yxy	92.0830, 0.4101, 0.4983
Android (android.graphics.Color)	4294639411 (0xFFFAFF33)
YUV	230.2490, -88.3698, 17.3216
Hunter-Lab	95.9599, -26.9598, 56.7133

Details

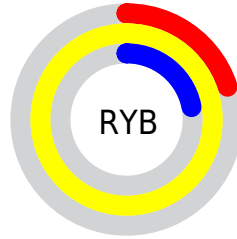
The Yxy color **92.0830, 0.4101, 0.4983** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.4453, 0.1646, 0.0823**, and the grayscale version is **79.9695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **51.6657, 0.4105, 0.5122** is the 20% darker color. If you saturate the color by 10%, you get **91.8014, 0.4136, 0.5053**, and if you desaturate by 10%, it is **92.4904, 0.4039, 0.4868**.

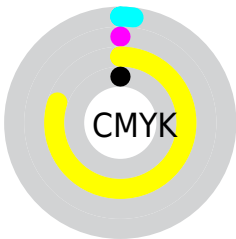
Distribution



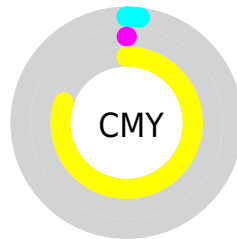
- Red (98%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0830, 0.4101, 0.4983 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 92.0830, 0.4101, 0.4983 by changing the saturation by 10% instead.


 92.0830, 0.4101,
0.4983

 92.0830, 0.4101,
0.4983


534.7837, 0.3753,
0.4274

 69.7096, 0.4150,
0.5115

 150.2284, 0.4005,
0.4760


 51.2898, 0.4194,
0.5261


 186.7692, 0.3960,
0.4666


 36.4393, 0.4227,
0.5421


 228.8012, 0.3919,
0.4582

 24.7737, 0.4237,
0.5589

 276.7089, 0.3880,
0.4507

 15.9085, 0.4220,
0.5780

 330.8766, 0.3844,
0.4440

 9.4594, 0.4092,
0.5908

391.6887, 0.3812,

 5.0420, 0.3903,

0.4379

0.6097

459.5296, 0.3781,
0.4324

■ 2.2720, 0.3595,
0.6405

■ 0.7588, 0.1783,
0.8217

■ 92.0830, 0.4101,
0.4983

■ 92.0830, 0.4101,
0.4983

■ 91.8014, 0.4136,
0.5053

■ 92.4904, 0.4039,
0.4868

■ 91.6137, 0.4150,
0.5087


■ 93.0379, 0.3951,
0.4710


■ 91.6127, 0.4150,
0.5087

■ 93.7414, 0.3839,
0.4514

■ 94.6138, 0.3710,
0.4289

 95.6668, 0.3568,
0.4044

 96.9107, 0.3421,
0.3790

 98.3555, 0.3272,
0.3536

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.



92.0830, 0.4806, 0.4382



92.0830, 0.4101, 0.4983



92.0830, 0.3201, 0.5115

Triad

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



92.0830, 0.4101, 0.4983



92.0830, 0.1498, 0.2406



92.0830, 0.3799, 0.2443

Complementary

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



92.0830, 0.4101, 0.4983



10.4453, 0.1646, 0.0823

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.



92.0830, 0.2784, 0.2030



92.0830, 0.4101, 0.4983



92.0830, 0.1601, 0.1957

Square

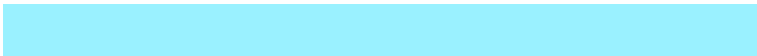
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0830, 0.4101, 0.4983



92.0830, 0.1728, 0.3285



92.0830, 0.2023, 0.1855



92.0830, 0.4710, 0.3024

Rectangle

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



92.0830, 0.4101, 0.4983



92.0830, 0.2600, 0.4737



92.0830, 0.2023, 0.1855



92.0830, 0.3449, 0.2282

Sweetspot

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



92.0841, 0.4101, 0.4983



96.3824, 0.3481, 0.3894



24.1894, 0.5923, 0.3317



20.5362, 0.3534, 0.3984



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.



92.0841, 0.4101, 0.4983



91.6810, 0.4146, 0.5076



78.2135, 0.3424, 0.5479



21.0667, 0.3265, 0.3525



47.8799, 0.4151, 0.5086



4.6688, 0.4156, 0.5082

Inverse Universe

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



10.4453, 0.1646, 0.0823



7.5534, 0.1518, 0.0624



16.7153, 0.2265, 0.1146



17.3990, 0.2982, 0.3044



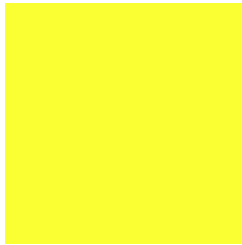
3.8029, 0.1507, 0.0604



0.3774, 0.1525, 0.0613

Previews

White Background



This preview shows how the Yxy color 92.0830, 0.4101, 0.4983 looks on a white background.

Color Contrast Check

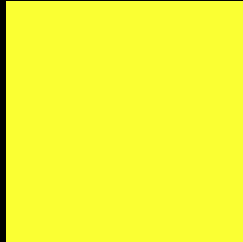
Large Text (above 18pt) WCAG AA × Fail

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 92.0830, 0.4101, 0.4983 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 92.0830, 0.4101, 0.4983

Background



This preview shows how black text looks on a background with the Yxy color 92.0830, 0.4101, 0.4983.

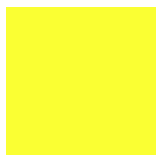


This preview shows how white text looks on a background with the Yxy color 92.0830, 0.4101, 0.4983.

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



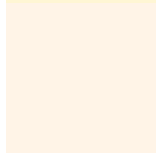
Original Color

92.0830, 0.4101, 0.4983



Protanopia

91.9250, 0.3396, 0.3626



Deuteranopia

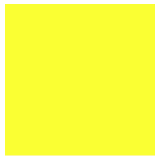
91.7309, 0.3279, 0.3418



Tritanopia

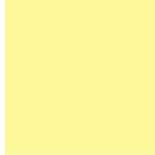
91.6664, 0.3163, 0.3213

Trichromacy



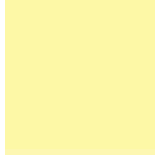
Original Color

92.0830, 0.4101, 0.4983



Protanomaly

90.9671, 0.3730, 0.4229



Deuteranomaly

90.7706, 0.3662, 0.4106



Tritanomaly

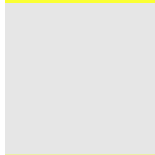
90.6185, 0.3592, 0.3979

Monochromacy



Original Color

92.0830, 0.4101, 0.4983



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

82.4541, 0.3580, 0.4067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0830, 0.4101, 0.4983 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(250, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 51)  
}
```

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(250, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 51) }
```

Border

The CSS property to change the border of an element to Yxy 92.0830, 0.4101, 0.4983 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(250, 255, 51) }
```

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

```
.border{ border-color:rgb(250, 255, 51) }
```

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

Here you see how a box with a 4 pixel rgb(250, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0830, 0.4101, 0.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 51) }
```

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

```
.background{ background-color: rgb(250,  
255, 51) }
```

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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