

Converting Colors

$Y_{xy}(92.3631, 0.4112, 0.4976)$

Have a look what the booklet for
Yxy(92.3631, 0.4112, 0.4976)
contains.

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Color

Yxy(92.4545, 0.4115, 0.4973)

Conversions

Conversions Part 1

Format	Color
Hex	FCFF33
RGB	252, 255, 51
RGB Percent	99%, 100%, 20%
CMY	0.0118, 0.0000, 0.7996
CMYK	0.01, 0.00, 0.80, 0.00
HSL	61°, 100%, 60%
HSV	61°, 80%, 100%
XYZ	76.5032, 92.4545, 16.9553
YIQ	230.8470, 63.6960, -64.0800

Conversions

Conversions Part 2

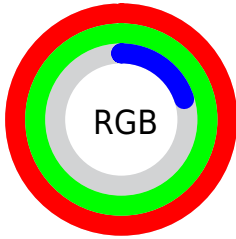
Format	Color
R_{YB}	51, 255, 54
Decimal	16580403
CIE _{Lab}	97.01, -21.99, 87.24
CIE _{LCh}	97, 89.966, 104.148
Y _{xy}	92.4545, 0.4115, 0.4973
Android (android.graphics.Color)	4294770483 (0xFFFCFF33)
YUV	230.8470, -88.6646, 18.5512
Hunter-Lab	96.1533, -26.2469, 56.8523

Details

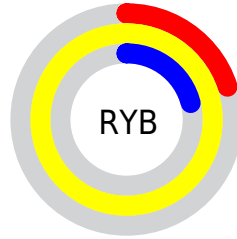
The Yxy color **92.4545, 0.4115, 0.4973** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.3831, 0.1639, 0.0820**, and the grayscale version is **80.4352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **51.9232, 0.4123, 0.5108** is the 20% darker color. If you saturate the color by 10%, you get **92.2175, 0.4152, 0.5041**, and if you desaturate by 10%, it is **92.8151, 0.4051, 0.4860**.

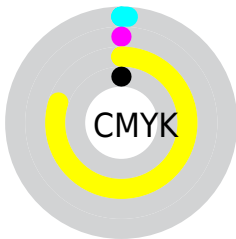
Distribution



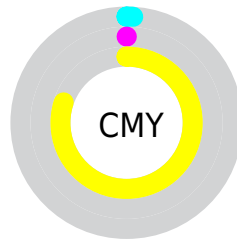
- Red (99%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (21%)



- Cyan (1%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4545, 0.4115, 0.4973 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 92.4545, 0.4115, 0.4973 by changing the saturation by 10% instead.


 92.4545, 0.4115,
0.4973

 92.4545, 0.4115,
0.4973


535.9833, 0.3761,
0.4271

 70.0182, 0.4165,
0.5103


 150.7432, 0.4017,
0.4752


 51.5414, 0.4211,
0.5247


 187.3643, 0.3972,
0.4660

 36.6396, 0.4246,
0.5404


 229.4825, 0.3929,
0.4577

 24.9286, 0.4259,
0.5569

 277.4822, 0.3890,
0.4502

 16.0239, 0.4246,
0.5754

 331.7477, 0.3854,
0.4436

 9.5410, 0.4123,
0.5877


392.6635, 0.3820,


 5.0957, 0.3942,


0.4375


0.6058


460.6139, 0.3790,
0.4321


 2.3035, 0.3648,
0.6352


 0.7756, 0.2053,
0.7947


 92.4545, 0.4115,
0.4973


 92.4545, 0.4115,
0.4973


 92.2175, 0.4152,
0.5041


 92.8151, 0.4051,
0.4860


 92.0750, 0.4167,
0.5073

 93.3165, 0.3961,
0.4704

 92.0745, 0.4167,
0.5073

 93.9737, 0.3848,
0.4510

 94.7995, 0.3717,
0.4287

 95.8055, 0.3574,
0.4043

 97.0023, 0.3424,
0.3790

 98.3996, 0.3274,
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.



92.4545, 0.4814, 0.4369



92.4545, 0.4115, 0.4973



92.4545, 0.3218, 0.5117

Triad

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



92.4545, 0.4115, 0.4973



92.4545, 0.1501, 0.2419



92.4545, 0.3780, 0.2435

Complementary

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



92.4545, 0.4115, 0.4973



10.3831, 0.1639, 0.0820

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.



92.4545, 0.2769, 0.2026



92.4545, 0.4115, 0.4973



92.4545, 0.1598, 0.1963

Square

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



92.4545, 0.4115, 0.4973



92.4545, 0.1737, 0.3304



92.4545, 0.2014, 0.1856



92.4545, 0.4695, 0.3014

Rectangle

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



92.4545, 0.4115, 0.4973



92.4545, 0.2617, 0.4749



92.4545, 0.2014, 0.1856



92.4545, 0.3430, 0.2275

Sweetspot

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



92.4546, 0.4115, 0.4973



96.4955, 0.3485, 0.3893



23.8759, 0.5944, 0.3298



20.5640, 0.3538, 0.3983



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.



92.4546, 0.4115, 0.4973



92.1248, 0.4163, 0.5063



78.5368, 0.3444, 0.5464



21.0763, 0.3267, 0.3525



48.1171, 0.4168, 0.5073



4.6892, 0.4171, 0.5070

Inverse Universe

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



10.3831, 0.1639, 0.0820



7.5332, 0.1516, 0.0623



16.3730, 0.2236, 0.1131



17.3905, 0.2981, 0.3044



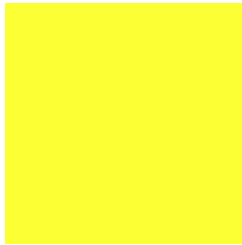
3.7908, 0.1504, 0.0602



0.3734, 0.1515, 0.0608

Previews

White Background



This preview shows how the Yxy color 92.4545, 0.4115, 0.4973 looks on a white background.

Color Contrast Check

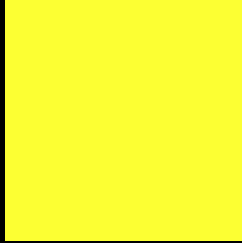
Large Text (above 18pt) WCAG AA × Fail

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 92.4545, 0.4115, 0.4973 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 92.4545, 0.4115, 0.4973

Background



This preview shows how black text looks on a background with the Yxy color 92.4545, 0.4115, 0.4973.



This preview shows how white text looks on a background with the Yxy color 92.4545, 0.4115, 0.4973.

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



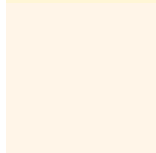
Original Color

92.4545, 0.4115, 0.4973



Protanopia

92.0266, 0.3383, 0.3606



Deuteranopia

92.3910, 0.3272, 0.3417



Tritanopia

92.2633, 0.3163, 0.3223

Trichromacy



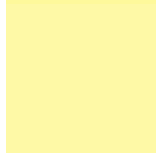
Original Color

92.4545, 0.4115, 0.4973



Protanomaly

91.1888, 0.3731, 0.4218



Deuteranomaly

91.5754, 0.3666, 0.4113



Tritanomaly

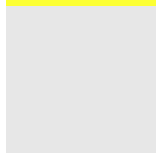
90.8067, 0.3599, 0.3978

Monochromacy



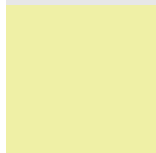
Original Color

92.4545, 0.4115, 0.4973



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

83.4241, 0.3586, 0.4062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4545, 0.4115, 0.4973 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(252, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 51) }
```

Border

The CSS property to change the border of an element to Yxy 92.4545, 0.4115, 0.4973 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(252, 255, 51) }
```

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

```
.border{ border-color:rgb(252, 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(252, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4545, 0.4115, 0.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 51) }
```

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

```
.background{ background-color: rgb(252,  
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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