

Converting Colors

$Y_{xy}(92.3285, 0.4110, 0.4977)$

Have a look what the booklet for
Yxy(92.3285, 0.4110, 0.4977)
contains.

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Color

Yxy(92.2682, 0.4108, 0.4978)

Conversions

Conversions Part 1

Format	Color
Hex	FBFF33
RGB	251, 255, 51
RGB Percent	98%, 100%, 20%
CMY	0.0157, 0.0000, 0.7995
CMYK	0.02, 0.00, 0.80, 0.00
HSL	61°, 100%, 60%
HSV	61°, 80%, 100%
XYZ	76.1426, 92.2682, 16.9412
YIQ	230.5480, 63.1000, -64.2920

Conversions

Conversions Part 2

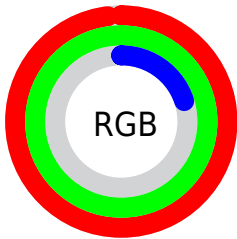
Format	Color
R _Y B	51, 255, 55
Decimal	16514867
CIE Lab	96.93, -22.39, 87.14
CIE LCh	97, 89.968, 104.413
Yxy	92.2682, 0.4108, 0.4978
Android (android.graphics.Color)	4294704947 (0xFFFBFF33)
YUV	230.5480, -88.5172, 17.9364
Hunter-Lab	96.0563, -26.6040, 56.7826

Details

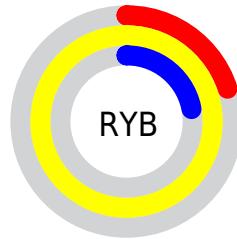
The Yxy color **92.2682, 0.4108, 0.4978** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.4139, 0.1643, 0.0822**, and the grayscale version is **80.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **51.7940, 0.4114, 0.5115** is the 20% darker color. If you saturate the color by 10%, you get **92.0087, 0.4144, 0.5047**, and if you desaturate by 10%, it is **92.6523, 0.4045, 0.4864**.

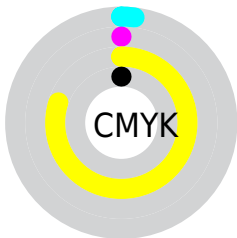
Distribution



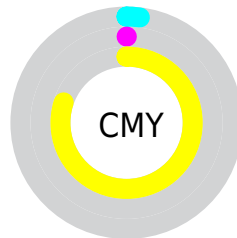
- Red (98%)
- Green (100%)
- Blue (20%)



- 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 92.2682, 0.4108, 0.4978 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 92.2682, 0.4108, 0.4978 by changing the saturation by 10% instead.


 92.2682, 0.4108,
0.4978


 92.2682, 0.4108,
0.4978


535.3819, 0.3757,
0.4273

 69.8634, 0.4157,
0.5109


 150.4851, 0.4011,
0.4756


 51.4152, 0.4203,
0.5254


 187.0659, 0.3966,
0.4663


 36.5391, 0.4237,
0.5412


 229.1409, 0.3924,
0.4580

 24.8509, 0.4248,
0.5579

 277.0945, 0.3885,
0.4505

 15.9660, 0.4233,
0.5767

 331.3109, 0.3849,
0.4438

 9.5001, 0.4108,
0.5892


392.1747, 0.3816,


 5.0688, 0.3923,


0.4377


0.6077

460.0703, 0.3785,
0.4323

 2.2877, 0.3622,
0.6378


 0.7672, 0.1922,
0.8078


 92.2682, 0.4108,
0.4978


 92.2682, 0.4108,
0.4978

 92.0087, 0.4144,
0.5047


 92.6523, 0.4045,
0.4864

 91.8435, 0.4158,
0.5080

 93.1769, 0.3956,
0.4707

 91.8428, 0.4159,
0.5080

 93.8573, 0.3844,
0.4512

 94.7065, 0.3714,
0.4288

 95.7360, 0.3571,
0.4044

 96.9565, 0.3422,
0.3790

 98.3775, 0.3273,
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.



92.2682, 0.4810, 0.4376



92.2682, 0.4108, 0.4978



92.2682, 0.3209, 0.5116

Triad

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



92.2682, 0.4108, 0.4978



92.2682, 0.1499, 0.2413



92.2682, 0.3789, 0.2439

Complementary

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



92.2682, 0.4108, 0.4978



10.4139, 0.1643, 0.0822

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.



92.2682, 0.2776, 0.2028



92.2682, 0.4108, 0.4978



92.2682, 0.1599, 0.1960

Square

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



92.2682, 0.4108, 0.4978



92.2682, 0.1733, 0.3295



92.2682, 0.2018, 0.1855



92.2682, 0.4703, 0.3019

Rectangle

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



92.2682, 0.4108, 0.4978



92.2682, 0.2609, 0.4743



92.2682, 0.2018, 0.1855



92.2682, 0.3439, 0.2278

Sweetspot

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



92.2688, 0.4108, 0.4978



96.4389, 0.3483, 0.3893



24.1870, 0.5923, 0.3317



20.5501, 0.3536, 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.



92.2688, 0.4108, 0.4978



91.9021, 0.4154, 0.5070



78.2121, 0.3424, 0.5479



21.0715, 0.3266, 0.3525



47.9981, 0.4159, 0.5080



4.6790, 0.4163, 0.5076

Inverse Universe

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



10.4139, 0.1643, 0.0822



7.5430, 0.1517, 0.0623



16.7119, 0.2265, 0.1146



17.3948, 0.2981, 0.3044



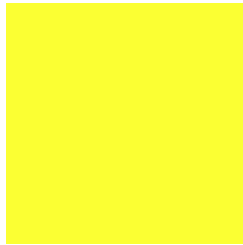
3.7968, 0.1506, 0.0603



0.3754, 0.1520, 0.0611

Previews

White Background



This preview shows how the Yxy color 92.2682, 0.4108, 0.4978 looks on a white background.

Color Contrast Check

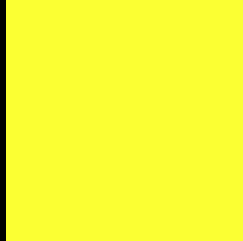
Large Text (above 18pt) WCAG AA × Fail

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 92.2682, 0.4108, 0.4978 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 92.2682, 0.4108, 0.4978

Background



This preview shows how black text looks on a background with the Yxy color 92.2682, 0.4108, 0.4978.



This preview shows how white text looks on a background with the Yxy color 92.2682, 0.4108, 0.4978.

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



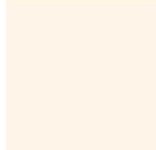
Original Color

92.2682, 0.4108, 0.4978



Protanopia

91.9756, 0.3389, 0.3616



Deuteranopia

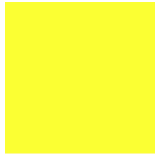
91.7876, 0.3273, 0.3408



Tritanopia

92.2633, 0.3163, 0.3223

Trichromacy



Original Color

92.2682, 0.4108, 0.4978



Protanomaly

91.1553, 0.3737, 0.4227



Deuteranomaly

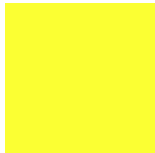
90.9588, 0.3669, 0.4104



Tritanomaly

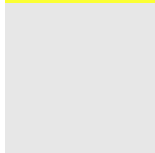
90.8067, 0.3599, 0.3978

Monochromacy



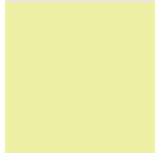
Original Color

92.2682, 0.4108, 0.4978



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

83.2505, 0.3579, 0.4064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2682, 0.4108, 0.4978 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(251, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 51) }
```

Border

The CSS property to change the border of an element to Yxy 92.2682, 0.4108, 0.4978 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(251, 255, 51) }
```

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

```
.border{ border-color:rgb(251, 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(251, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2682, 0.4108, 0.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 51) }
```

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

```
.background{ background-color: rgb(251,  
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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