

Converting Colors

Yxy(91.8232, 0.4108, 0.5014)

Have a look what the booklet for
Yxy(91.8232, 0.4108, 0.5014)
contains.

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Color

Yxy(91.8342, 0.4110, 0.5014)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F9FF2B |
| RGB | 249, 255, 43 |
| RGB Percent | 98%, 100%, 17% |
| CMY | 0.0233, 0.0000, 0.8313 |
| CMYK | 0.02, 0.00, 0.83, 0.00 |
| HSL | 62°, 100%, 58% |
| HSV | 62°, 83%, 100% |
| XYZ | 75.2769, 91.8342, 16.0444 |
| YIQ | 229.0380, 64.4760, -67.2040 |

Conversions

Conversions Part 2

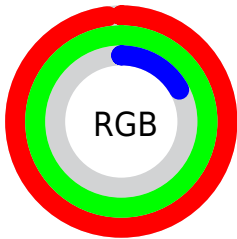
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 43, 255, 49 |
| Decimal | 16383787 |
| CIE _{Lab} | 96.75, -23.40, 88.76 |
| CIE _{LCh} | 97, 91.795, 104.766 |
| Yxy | 91.8342, 0.4110, 0.5014 |
| Android (android.graphics.Color) | 4294573867 (0xFFFF9FF2B) |
| YUV | 229.0380, -91.7167, 17.5067 |
| Hunter-Lab | 95.8302, -27.4867, 57.1544 |

Details

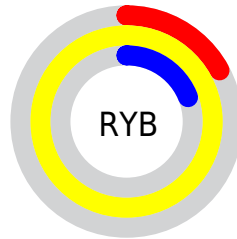
The Yxy color **91.8342, 0.4110, 0.5014** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **9.6006, 0.1612, 0.0767**, and the grayscale version is **79.0463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9277, 0.3939, 0.4633**, and **51.5382, 0.4097, 0.5129** is the 20% darker color. If you saturate the color by 10%, you get **91.5749, 0.4137, 0.5072**, and if you desaturate by 10%, it is **92.2192, 0.4057, 0.4913**.

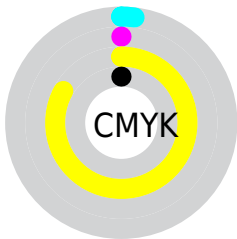
Distribution



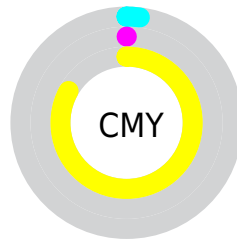
- Red (98%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.8342, 0.4110, 0.5014 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 91.8342, 0.4110, 0.5014 by changing the saturation by 10% instead.


 91.8342, 0.4110,
0.5014

 91.8342, 0.4110,
0.5014


533.9795, 0.3763,
0.4295

 69.5029, 0.4157,
0.5147

 149.8836, 0.4015,
0.4788


 51.1214, 0.4199,
0.5294


 186.3705, 0.3971,
0.4693

 36.3052, 0.4228,
0.5452


 228.3447, 0.3930,
0.4608

 24.6700, 0.4234,
0.5621

 276.1906, 0.3891,
0.4532

 15.8314, 0.4201,
0.5799

 330.2927, 0.3855,
0.4464

 9.4049, 0.4070,
0.5930


391.0353, 0.3822,

 5.0062, 0.3874,


0.4402


0.6126

458.8028, 0.3791,
0.4346


 2.2509, 0.3556,
0.6444


 0.7475, 0.1571,
0.8429


 91.8342, 0.4110,
0.5014


 91.8342, 0.4110,
0.5014


 91.5749, 0.4137,
0.5072

 92.2192, 0.4057,
0.4913

 91.4430, 0.4144,
0.5092


 92.7361, 0.3978,
0.4767


 93.4046, 0.3874,
0.4582

 94.2381, 0.3750,
0.4364

 95.2487, 0.3613,
0.4124

 96.4472, 0.3467,
0.3872

 97.8435, 0.3318,
0.3617

 99.4469, 0.3172,
0.3366

99.9947, 0.3127,
0.3290

Harmonies

Analogous

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



91.8342, 0.4832, 0.4396



91.8342, 0.4110, 0.5014



91.8342, 0.3194, 0.5157

Triad

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



91.8342, 0.4110, 0.5014



91.8342, 0.1472, 0.2385



91.8342, 0.3815, 0.2429

Complementary

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



91.8342, 0.4110, 0.5014



9.6006, 0.1612, 0.0767

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.



91.8342, 0.2779, 0.2010



91.8342, 0.4110, 0.5014



91.8342, 0.1577, 0.1933

Square

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



91.8342, 0.4110, 0.5014



91.8342, 0.1702, 0.3278



91.8342, 0.2005, 0.1832



91.8342, 0.4745, 0.3018

Rectangle

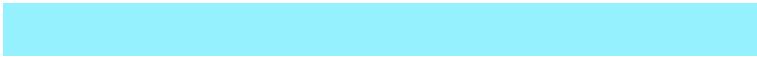
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8342, 0.4110, 0.5014



91.8342, 0.2584, 0.4770



91.8342, 0.2005, 0.1832



91.8342, 0.3457, 0.2266

Sweetspot

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



91.8385, 0.4110, 0.5014



96.2153, 0.3494, 0.3920



23.4304, 0.6039, 0.3316



20.5019, 0.3546, 0.4009



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.



91.8385, 0.4110, 0.5014



91.4498, 0.4144, 0.5092



77.7520, 0.3414, 0.5535



21.0633, 0.3265, 0.3525



47.7961, 0.4145, 0.5091



4.6616, 0.4150, 0.5087

Inverse Universe

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



9.6006, 0.1612, 0.0767



7.2661, 0.1506, 0.0603



15.6761, 0.2226, 0.1092



17.4020, 0.2983, 0.3044



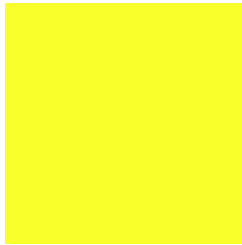
3.8072, 0.1508, 0.0605



0.3789, 0.1528, 0.0615

Previews

White Background



This preview shows how the Yxy color 91.8342, 0.4110, 0.5014 looks on a white background.

Color Contrast Check

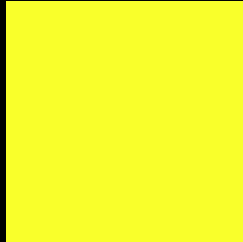
Large Text (above 18pt) WCAG AA × Fail

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 91.8342, 0.4110, 0.5014 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 91.8342, 0.4110, 0.5014

Background



This preview shows how black text looks on a background with the Yxy color 91.8342, 0.4110, 0.5014.

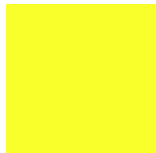


This preview shows how white text looks on a background with the Yxy color 91.8342, 0.4110, 0.5014.

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



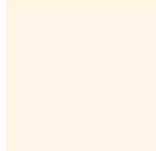
Original Color

91.8342, 0.4110, 0.5014



Protanopia

91.8247, 0.3408, 0.3646



Deuteranopia

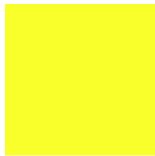
91.6745, 0.3285, 0.3427



Tritanopia

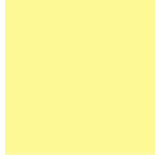
91.6664, 0.3163, 0.3213

Trichromacy



Original Color

91.8342, 0.4110, 0.5014



Protanomaly

90.8039, 0.3758, 0.4276



Deuteranomaly

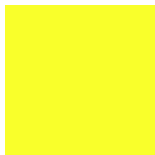
90.6261, 0.3686, 0.4145



Tritanomaly

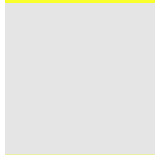
90.4993, 0.3611, 0.4009

Monochromacy



Original Color

91.8342, 0.4110, 0.5014



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

81.5551, 0.3601, 0.4102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8342, 0.4110, 0.5014 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(249, 255, 43)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 43)  
}
```

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(249, 255, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 43) }
```

Border

The CSS property to change the border of an element to Yxy 91.8342, 0.4110, 0.5014 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(249, 255, 43) }
```

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

```
.border{ border-color:rgb(249, 255, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 43);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8342, 0.4110, 0.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 43) }
```

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

```
.background{ background-color: rgb(249,  
255, 43) }
```

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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