

Converting Colors

Yxy(92.4403, 0.4129, 0.5082)

Have a look what the booklet for
Yxy(92.4403, 0.4129, 0.5082)
contains.

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Color

Yxy(91.5109, 0.4136, 0.5077)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F8FF0F |
| RGB | 248, 255, 15 |
| RGB Percent | 97%, 100%, 6% |
| CMY | 0.0276, 0.0000, 0.9411 |
| CMYK | 0.03, 0.00, 0.94, 0.00 |
| HSL | 62°, 100%, 53% |
| HSV | 62°, 94%, 100% |
| XYZ | 74.5498, 91.5109, 14.1854 |
| YIQ | 225.5470, 72.8680, -76.1240 |

Conversions

Conversions Part 2

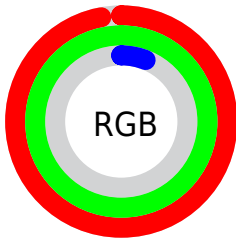
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 15, 255, 22 |
| Decimal | 16318223 |
| CIE Lab | 96.62, -24.32, 92.78 |
| CIE LCh | 97, 95.918, 104.687 |
| Yxy | 91.5109, 0.4136, 0.5077 |
| Android (android.graphics.Color) | 4294508303 (0xFFFF8FF0F) |
| YUV | 225.5470, -103.7997, 19.6913 |
| Hunter-Lab | 95.6613, -28.3006, 58.1710 |

Details

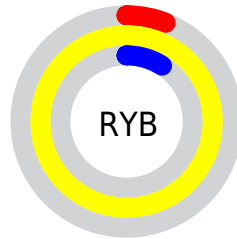
The Yxy color **91.5109, 0.4136, 0.5077** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.7330, 0.1528, 0.0637**, and the grayscale version is **76.4272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6809, 0.3990, 0.4716**, and **51.4116, 0.4088, 0.5136** is the 20% darker color. If you saturate the color by 10%, you get **91.3907, 0.4141, 0.5094**, and if you desaturate by 10%, it is **91.7644, 0.4112, 0.5023**.

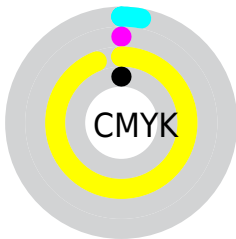
Distribution



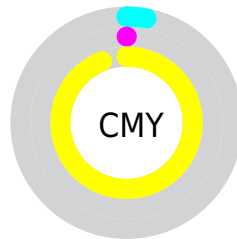
- Red (97%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (9%)



- Cyan (3%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5109, 0.4136, 0.5077 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 91.5109, 0.4136, 0.5077 by changing the saturation by 10% instead.


 91.5109, 0.4136,
0.5077


 91.5109, 0.4136,
0.5077


532.9336, 0.3789,
0.4339


 69.2345, 0.4179,
0.5210


 149.4353, 0.4044,
0.4848


 50.9027, 0.4216,
0.5356


 185.8521, 0.4000,
0.4751


 36.1312, 0.4236,
0.5510


 227.7511, 0.3959,
0.4663

 24.5355, 0.4238,
0.5683

 275.5168, 0.3920,
0.4585

 15.7313, 0.4173,
0.5827

 329.5335, 0.3883,
0.4514

 9.3342, 0.4035,
0.5965


390.1856, 0.3850,


 4.9598, 0.3830,


0.4450


0.6170


457.8575, 0.3818,
0.4392


 2.2237, 0.3497,
0.6503


 0.7329, 0.1231,
0.8769

 91.5109, 0.4136,
0.5077


 91.5109, 0.4136,
0.5077


 91.3907, 0.4141,
0.5094

 91.7644, 0.4112,
0.5023


 92.1385, 0.4062,
0.4926

 92.6471, 0.3985,
0.4784

 93.3060, 0.3884,
0.4602

 94.1287, 0.3762,
0.4387

 95.1274, 0.3626,
0.4149

 96.3131, 0.3481,
0.3897

 97.6956, 0.3333,
0.3642

 99.2845, 0.3186,
0.3391

Harmonies

Analogous

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



91.5109, 0.4892, 0.4418



91.5109, 0.4136, 0.5077



91.5109, 0.3187, 0.5252

Triad

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



91.5109, 0.4136, 0.5077



91.5109, 0.1414, 0.2344



91.5109, 0.3840, 0.2394

Complementary

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



91.5109, 0.4136, 0.5077



7.7330, 0.1528, 0.0637

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.



91.5109, 0.2759, 0.1964



91.5109, 0.4136, 0.5077



91.5109, 0.1523, 0.1882

Square

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



91.5109, 0.4136, 0.5077



91.5109, 0.1647, 0.3274



91.5109, 0.1960, 0.1781



91.5109, 0.4816, 0.2998

Rectangle

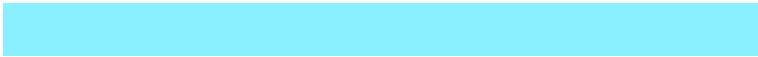
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.5109, 0.4136, 0.5077



91.5109, 0.2555, 0.4852



91.5109, 0.1960, 0.1781



91.5109, 0.3465, 0.2227

Sweetspot

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



91.5054, 0.4136, 0.5077



95.8294, 0.3538, 0.3996



21.7606, 0.6318, 0.3308



20.4038, 0.3600, 0.4104



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.



91.5054, 0.4136, 0.5077



91.3907, 0.4141, 0.5094



76.3803, 0.3364, 0.5683



21.0620, 0.3265, 0.3525



47.7657, 0.4142, 0.5093



4.6590, 0.4148, 0.5088

Inverse Universe

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



7.7330, 0.1528, 0.0637



7.2682, 0.1506, 0.0603



13.0514, 0.2099, 0.0949



17.4031, 0.2983, 0.3044



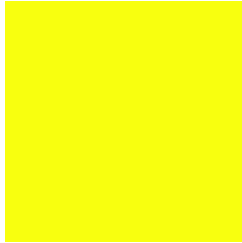
3.8088, 0.1509, 0.0605



0.3794, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 91.5109, 0.4136, 0.5077 looks on a white background.

Color Contrast Check

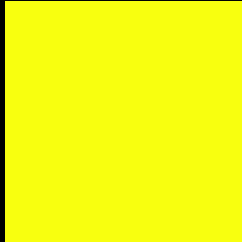
Large Text (above 18pt) WCAG AA × Fail

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 91.5109, 0.4136, 0.5077 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 91.5109, 0.4136, 0.5077

Background



This preview shows how black text looks on a background with the Yxy color 91.5109, 0.4136, 0.5077.

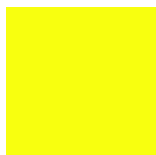


This preview shows how white text looks on a background with the Yxy color 91.5109, 0.4136, 0.5077.

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



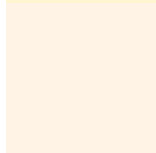
Original Color

91.5109, 0.4136, 0.5077



Protanopia

91.1189, 0.3423, 0.3657



Deuteranopia

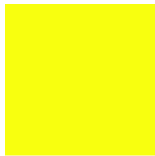
91.0183, 0.3293, 0.3428



Tritanopia

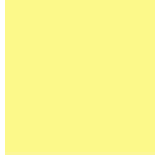
91.0727, 0.3164, 0.3203

Trichromacy



Original Color

91.5109, 0.4136, 0.5077



Protanomaly

90.2818, 0.3812, 0.4378



Deuteranomaly

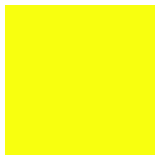
89.4513, 0.3747, 0.4243



Tritanomaly

89.3236, 0.3667, 0.4100

Monochromacy



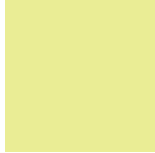
Original Color

91.5109, 0.4136, 0.5077



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

80.2307, 0.3663, 0.4220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5109, 0.4136, 0.5077 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(248, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 15)  
}
```

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(248, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 15) }
```

Border

The CSS property to change the border of an element to Yxy 91.5109, 0.4136, 0.5077 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(248, 255, 15) }
```

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

```
.border{ border-color:rgb(248, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5109, 0.4136, 0.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 15) }
```

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

```
.background{ background-color: rgb(248,  
255, 15) }
```

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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