

Converting Colors

Yxy(91.5928, 0.4129, 0.5060)

Have a look what the booklet for
Yxy(91.5928, 0.4129, 0.5060)
contains.

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Color

Yxy(91.5466, 0.4128, 0.5062)

Conversions

Conversions Part 1

Format	Color
Hex	F8FF19
RGB	248, 255, 25
RGB Percent	97%, 100%, 10%
CMY	0.0273, 0.0000, 0.9023
CMYK	0.03, 0.00, 0.90, 0.00
HSL	62°, 100%, 55%
HSV	62°, 90%, 100%
XYZ	74.6551, 91.5466, 14.6489
YIQ	226.6870, 69.6580, -73.0140

Conversions

Conversions Part 2

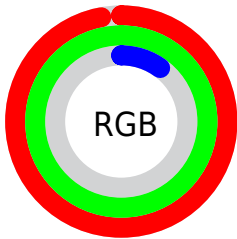
Format	Color
R _Y B	25, 255, 32
Decimal	16318233
CIE Lab	96.63, -24.17, 91.72
CIE LCh	97, 94.846, 104.761
Yxy	91.5466, 0.4128, 0.5062
Android (android.graphics.Color)	4294508313 (0xFF8FF19)
YUV	226.6870, -99.4317, 18.6915
Hunter-Lab	95.6800, -28.1638, 57.8985

Details

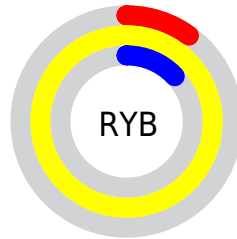
The Yxy color **91.5466, 0.4128, 0.5062** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **8.2162, 0.1551, 0.0671**, and the grayscale version is **77.2739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **51.4116, 0.4088, 0.5136** is the 20% darker color. If you saturate the color by 10%, you get **91.3435, 0.4140, 0.5095**, and if you desaturate by 10%, it is **91.8563, 0.4094, 0.4992**.

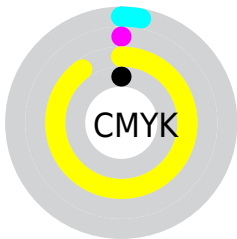
Distribution



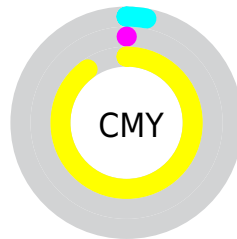
- Red (97%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (13%)



- Cyan (3%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5466, 0.4128, 0.5062 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 91.5466, 0.4128, 0.5062 by changing the saturation by 10% instead.


 91.5466, 0.4128,
0.5062

 91.5466, 0.4128,
0.5062


533.0491, 0.3782,
0.4328


 69.2641, 0.4172,
0.5195

 149.4848, 0.4036,
0.4833

 50.9268, 0.4210,
0.5341


 185.9094, 0.3992,
0.4737


 36.1504, 0.4232,
0.5497


 227.8167, 0.3950,
0.4650

 24.5504, 0.4235,
0.5670

 275.5912, 0.3911,
0.4572

 15.7424, 0.4177,
0.5823

 329.6173, 0.3875,
0.4502

 9.3420, 0.4040,
0.5960


390.2794, 0.3842,


 4.9649, 0.3837,


0.4438


0.6163


457.9619, 0.3810,
0.4381


 2.2267, 0.3506,
0.6494


 0.7345, 0.1284,
0.8716


 91.5466, 0.4128,
0.5062


 91.5466, 0.4128,
0.5062

 91.3435, 0.4140,
0.5095

 91.8563, 0.4094,
0.4992


 92.2849, 0.4034,
0.4877

 92.8545, 0.3947,
0.4719

 93.5800, 0.3838,
0.4523

 94.4741, 0.3710,
0.4297

 95.5487, 0.3570,
0.4052

 96.8142, 0.3423,
0.3798

 98.2803, 0.3275,
0.3543

99.9563, 0.3130,
0.3296

Harmonies

Analogous

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



91.5466, 0.4875, 0.4414



91.5466, 0.4128, 0.5062



91.5466, 0.3187, 0.5227

Triad

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



91.5466, 0.4128, 0.5062



91.5466, 0.1429, 0.2353



91.5466, 0.3836, 0.2404

Complementary

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



91.5466, 0.4128, 0.5062



8.2162, 0.1551, 0.0671

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.



91.5466, 0.2766, 0.1977



91.5466, 0.4128, 0.5062



91.5466, 0.1537, 0.1894

Square

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



91.5466, 0.4128, 0.5062



91.5466, 0.1660, 0.3273



91.5466, 0.1973, 0.1794



91.5466, 0.4799, 0.3005

Rectangle

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



91.5466, 0.4128, 0.5062



91.5466, 0.2561, 0.4829



91.5466, 0.1973, 0.1794



91.5466, 0.3465, 0.2238

Sweetspot

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



91.5509, 0.4128, 0.5062



95.9385, 0.3523, 0.3971



22.1955, 0.6242, 0.3311



20.4473, 0.3572, 0.4057



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.



91.5509, 0.4128, 0.5062



91.3457, 0.4140, 0.5095



76.8323, 0.3384, 0.5639



21.0611, 0.3264, 0.3525



47.7426, 0.4141, 0.5094



4.6570, 0.4147, 0.5089

Inverse Universe

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



8.2162, 0.1551, 0.0671



7.2698, 0.1506, 0.0603



13.8214, 0.2142, 0.0992



17.4040, 0.2983, 0.3044



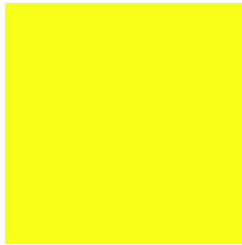
3.8100, 0.1509, 0.0605



0.3798, 0.1530, 0.0617

Previews

White Background



This preview shows how the Yxy color 91.5466, 0.4128, 0.5062 looks on a white background.

Color Contrast Check

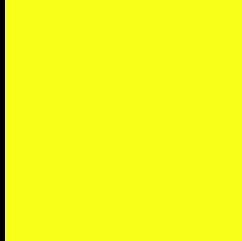
Large Text (above 18pt) WCAG AA × Fail

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 91.5466, 0.4128, 0.5062 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 91.5466, 0.4128, 0.5062

Background



This preview shows how black text looks on a background with the Yxy color 91.5466, 0.4128, 0.5062.

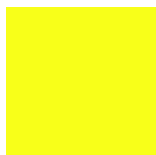


This preview shows how white text looks on a background with the Yxy color 91.5466, 0.4128, 0.5062.

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



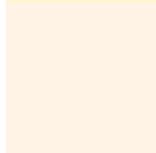
Original Color

91.5466, 0.4128, 0.5062



Protanopia

91.1189, 0.3423, 0.3657



Deuteranopia

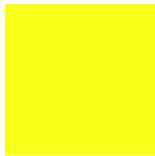
91.0183, 0.3293, 0.3428



Tritanopia

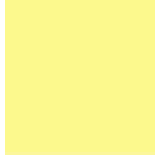
91.0727, 0.3164, 0.3203

Trichromacy



Original Color

91.5466, 0.4128, 0.5062



Protanomaly

90.3699, 0.3796, 0.4351



Deuteranomaly

89.5835, 0.3724, 0.4205



Tritanomaly

89.4341, 0.3649, 0.4071

Monochromacy



Original Color

91.5466, 0.4128, 0.5062



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

80.5636, 0.3640, 0.4167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5466, 0.4128, 0.5062 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 25) }
```

Border

The CSS property to change the border of an element to Yxy 91.5466, 0.4128, 0.5062 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, 25) }
```

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

```
.border{ border-color:rgb(248, 255, 25) }
```

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, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5466, 0.4128, 0.5062 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, 25) }
```

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

```
.background{ background-color: rgb(248,  
255, 25) }
```

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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