

Converting Colors

$Yxy(91.1128, 0.4131, 0.5102)$

Have a look what the booklet for
Yxy(91.1128, 0.4131, 0.5102)
contains.

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Color

Yxy(91.1128, 0.4131, 0.5102)

Conversions

Conversions Part 1

Format	Color
Hex	F6FF00
RGB	246, 255, 0
RGB Percent	96%, 100%, 0%
CMY	0.0352, 0.0000, 1.0000
CMYK	0.04, 0.00, 1.00, 0.00
HSL	62°, 100%, 50%
HSV	62°, 100%, 100%
XYZ	73.7724, 91.1128, 13.6973
YIQ	223.2390, 76.4910, -81.2130

Conversions

Conversions Part 2

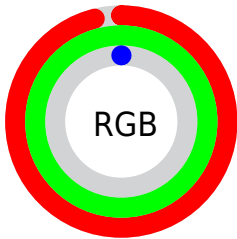
Format	Color
RYB	0, 255, 9
Decimal	16187136
CIELab	96.46, -25.22, 93.68
CIELCh	96, 97.014, 105.070
Yxy	91.1128, 0.4131, 0.5102
Android (android.graphics.Color)	4294377216 (0xFFFF6FF00)
YUV	223.2390, -110.0568, 19.9614
Hunter-Lab	95.4530, -29.0861, 58.3091

Details

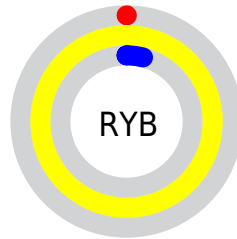
The Yxy color **91.1128, 0.4131, 0.5102** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.2780, 0.1507, 0.0604**, and the grayscale version is **74.7342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **51.1611, 0.4070, 0.5150** is the 20% darker color. If you saturate the color by 10%, you get **91.1170, 0.4131, 0.5102**, and if you desaturate by 10%, it is **91.3521, 0.4120, 0.5067**.

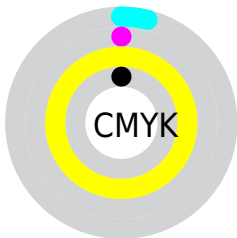
Distribution



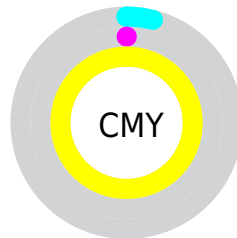
- Red (96%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (4%)



- Cyan (4%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1128, 0.4131, 0.5102 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 91.1128, 0.4131, 0.5102 by changing the saturation by 10% instead.


 91.1128, 0.4131,
0.5102


 91.1128, 0.4131,
0.5102


531.6441, 0.3790,
0.4354


 68.9040, 0.4172,
0.5237


 148.8832, 0.4042,
0.4870


 50.6335, 0.4206,
0.5384

 185.2135, 0.3999,
0.4771

 35.9170, 0.4222,
0.5539


 227.0197, 0.3958,
0.4683

 24.3701, 0.4222,
0.5718

 274.6864, 0.3919,
0.4603

 15.6084, 0.4144,
0.5856

 328.5977, 0.3883,
0.4531

 9.2475, 0.4000,
0.6000


 389.1382, 0.3850,


 4.9030, 0.3786,


0.4466


0.6214


456.6922, 0.3819,
0.4407


 2.1904, 0.3436,
0.6564


 0.7148, 0.0817,
0.9183


 91.1128, 0.4131,
0.5102


 91.1128, 0.4131,
0.5102

 91.1170, 0.4131,
0.5102

 91.3521, 0.4120,
0.5067

 91.6823, 0.4086,
0.4995


 92.1364, 0.4026,
0.4878


 92.7320, 0.3940,
0.4718

 93.4840, 0.3831,
0.4520

 94.4052, 0.3703,
0.4293

 95.5073, 0.3564,
0.4047

 96.8007, 0.3418,
0.3792

 98.2953, 0.3271,
0.3538

Harmonies

Analogous

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



91.1128, 0.4901, 0.4434



91.1128, 0.4131, 0.5102



91.1128, 0.3171, 0.5276

Triad

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



91.1128, 0.4131, 0.5102



91.1128, 0.1397, 0.2322



91.1128, 0.3863, 0.2391

Complementary

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



91.1128, 0.4131, 0.5102



7.2780, 0.1507, 0.0604

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.



91.1128, 0.2766, 0.1956



91.1128, 0.4131, 0.5102



91.1128, 0.1511, 0.1864

Square

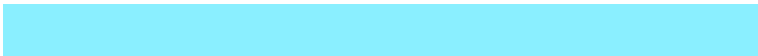
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1128, 0.4131, 0.5102



91.1128, 0.1625, 0.3257



91.1128, 0.1956, 0.1767



91.1128, 0.4847, 0.3001

Rectangle

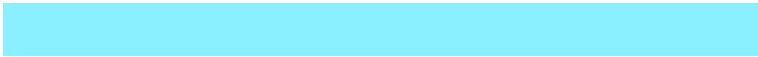
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1128, 0.4131, 0.5102



91.1128, 0.2535, 0.4863



91.1128, 0.1956, 0.1767



91.1128, 0.3483, 0.2222

Sweetspot

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



91.1170, 0.4131, 0.5102



95.5074, 0.3564, 0.4047



21.4446, 0.6385, 0.3313



20.3382, 0.3624, 0.4152



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.



91.1170, 0.4131, 0.5102



91.1173, 0.4131, 0.5102



75.4419, 0.3308, 0.5755



21.0562, 0.3264, 0.3525



47.6252, 0.4132, 0.5101



4.6469, 0.4139, 0.5095

Inverse Universe

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



7.2780, 0.1507, 0.0604



7.2779, 0.1507, 0.0604



12.4545, 0.2071, 0.0915



17.4082, 0.2984, 0.3044



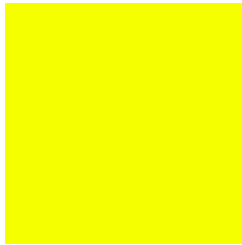
3.8160, 0.1510, 0.0606



0.3818, 0.1535, 0.0619

Previews

White Background



This preview shows how the Yxy color 91.1128, 0.4131, 0.5102 looks on a white background.

Color Contrast Check

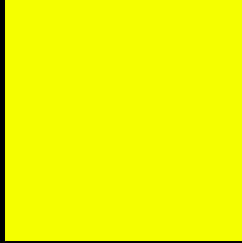
Large Text (above 18pt) WCAG AA × Fail

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 91.1128, 0.4131, 0.5102 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 91.1128, 0.4131, 0.5102

Background



This preview shows how black text looks on a background with the Yxy color 91.1128, 0.4131, 0.5102.

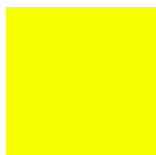


This preview shows how white text looks on a background with the Yxy color 91.1128, 0.4131, 0.5102.

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



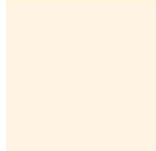
Original Color

91.1128, 0.4131, 0.5102



Protanopia

90.9726, 0.3442, 0.3687



Deuteranopia

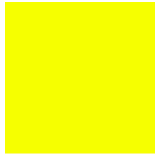
90.9626, 0.3299, 0.3438



Tritanopia

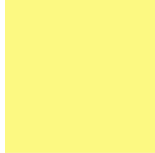
90.5452, 0.3158, 0.3184

Trichromacy



Original Color

91.1128, 0.4131, 0.5102



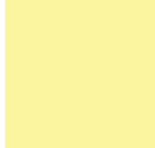
Protanomaly

90.0585, 0.3854, 0.4447



Deuteranomaly

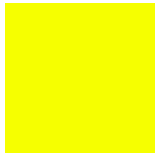
89.2613, 0.3781, 0.4299



Tritanomaly

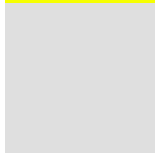
88.5383, 0.3701, 0.4140

Monochromacy



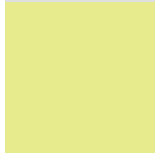
Original Color

91.1128, 0.4131, 0.5102



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

78.3586, 0.3690, 0.4280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1128, 0.4131, 0.5102 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(246, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 0)  
}
```

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(246, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 0) }
```

Border

The CSS property to change the border of an element to Yxy 91.1128, 0.4131, 0.5102 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(246, 255, 0) }
```

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

```
.border{ border-color:rgb(246, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1128, 0.4131, 0.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 0) }
```

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

```
.background{ background-color: rgb(246,  
255, 0) }
```

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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