

Converting Colors

$Yxy(91.3980, 0.3828, 0.4658)$

Have a look what the booklet for
Yxy(91.3980, 0.3828, 0.4658)
contains.

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Color

Yxy(91.4357, 0.3828, 0.4662)

Conversions

Conversions Part 1

Format	Color
Hex	F1FF72
RGB	241, 255, 114
RGB Percent	95%, 100%, 45%
CMY	0.0548, 0.0000, 0.5529
CMYK	0.05, 0.00, 0.55, 0.00
HSL	66°, 100%, 72%
HSV	66°, 55%, 100%
XYZ	75.0785, 91.4357, 29.6156
YIQ	234.7400, 36.9170, -46.8190

Conversions

Conversions Part 2

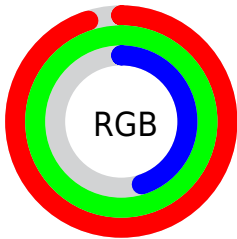
Format	Color
R_{YB}	114, 255, 128
Decimal	15859570
CIE _{Lab}	96.59, -23.10, 64.54
CIE _{LCh}	97, 68.545, 109.694
Yxy	91.4357, 0.3828, 0.4662
Android (android.graphics.Color)	4294049650 (0xFFFF1FF72)
YUV	234.7400, -59.5248, 5.4900
Hunter-Lab	95.6220, -27.1877, 48.5724

Details

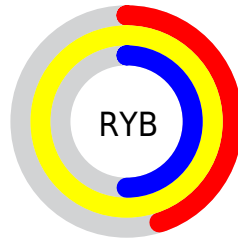
The Yxy color **91.4357, 0.3828, 0.4662** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **23.8479, 0.2137, 0.1546**, and the grayscale version is **83.3156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **50.6387, 0.3925, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **90.4953, 0.3914, 0.4854**, and if you desaturate by 10%, it is **92.5516, 0.3721, 0.4438**.

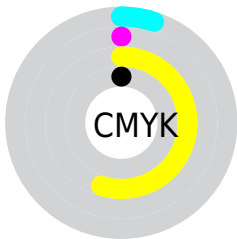
Distribution



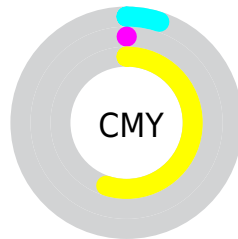
- Red (95%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4357, 0.3828, 0.4662 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 91.4357, 0.3828, 0.4662 by changing the saturation by 10% instead.


 91.4357, 0.3828,
0.4662


 91.4357, 0.3828,
0.4662

532.6901, 0.3555,
0.4054


 69.1720, 0.3875,
0.4789


 149.3310, 0.3745,
0.4460

 50.8518, 0.3925,
0.4938


 185.7315, 0.3710,
0.4378

 36.0907, 0.3975,
0.5115


 227.6130, 0.3677,
0.4307

 24.5042, 0.4019,
0.5322

275.3600, 0.3648,
0.4244

 15.7081, 0.4043,
0.5564

329.3568, 0.3621,
0.4188

 9.3178, 0.4078,
0.5922

389.9878, 0.3597,

 4.9491, 0.3884,

0.4139

457.6375, 0.3575,
0.4094

0.6116

2.2174, 0.3567,
0.6433

0.7295, 0.1507,
0.8493

91.4357, 0.3828,
0.4662

91.4357, 0.3828,
0.4662

90.4953, 0.3914,
0.4854

92.5516, 0.3721,
0.4438

89.7054, 0.3975,
0.5006

93.8440, 0.3599,
0.4191

89.0534, 0.4010,
0.5112

95.3277, 0.3468,
0.3933

88.5195, 0.4019,
0.5174

97.0130, 0.3332,
0.3674

 88.2954, 0.4017,
0.5193

 98.9092, 0.3197,
0.3420

100.0000, 0.3127,
0.3290

Harmonies

Analogous

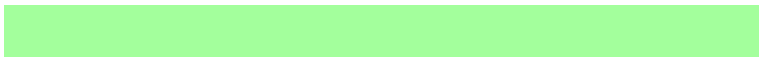
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4357, 0.4402, 0.4297



91.4357, 0.3828, 0.4662



91.4357, 0.3104, 0.4597

Triad

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



91.4357, 0.3828, 0.4662



91.4357, 0.1810, 0.2538



91.4357, 0.3782, 0.2693

Complementary

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



91.4357, 0.3828, 0.4662



23.8479, 0.2137, 0.1546

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.



91.4357, 0.2997, 0.2320



91.4357, 0.3828, 0.4662



91.4357, 0.1937, 0.2201

Square

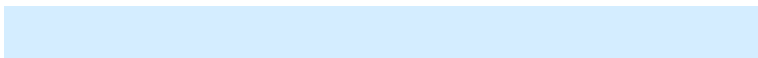
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4357, 0.3828, 0.4662



91.4357, 0.1970, 0.3180



91.4357, 0.2341, 0.2142



91.4357, 0.4421, 0.3198

Rectangle

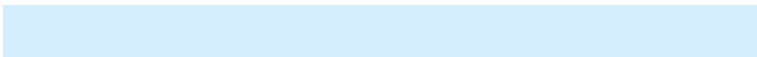
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4357, 0.3828, 0.4662



91.4357, 0.2634, 0.4244



91.4357, 0.2341, 0.2142



91.4357, 0.3521, 0.2551

Sweetspot

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



91.4394, 0.3828, 0.4662



96.7096, 0.3355, 0.3718



37.3374, 0.4724, 0.3411



20.6253, 0.3383, 0.3770



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.



91.4394, 0.3828, 0.4662



90.4341, 0.3919, 0.4866



81.5923, 0.3366, 0.4906



20.9938, 0.3254, 0.3526



46.1736, 0.4020, 0.5190



4.5211, 0.4041, 0.5174

Inverse Universe

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



23.8479, 0.2137, 0.1546



16.8946, 0.1928, 0.1203



31.0291, 0.2664, 0.1762



17.4639, 0.2994, 0.3045



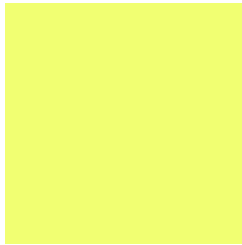
3.9107, 0.1533, 0.0618



0.4081, 0.1597, 0.0654

Previews

White Background



This preview shows how the Yxy color 91.4357, 0.3828, 0.4662 looks on a white background.

Color Contrast Check

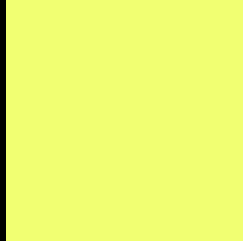
Large Text (above 18pt) WCAG AA × Fail

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 91.4357, 0.3828, 0.4662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

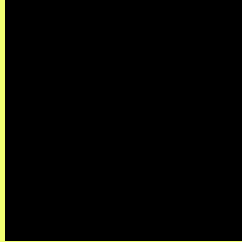
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4357, 0.3828, 0.4662

Background



This preview shows how black text looks on a background with the Yxy color 91.4357, 0.3828, 0.4662.

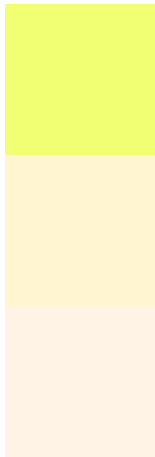


This preview shows how white text looks on a background with the Yxy color 91.4357, 0.3828, 0.4662.

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

91.4357, 0.3828, 0.4662

Protanopia

91.1189, 0.3423, 0.3657

Deuteranopia

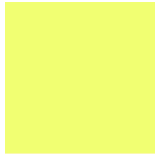
91.0744, 0.3286, 0.3418



Tritanopia

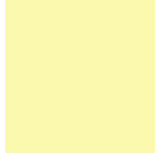
91.0132, 0.3121, 0.3155

Trichromacy



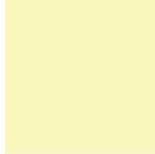
Original Color

91.4357, 0.3828, 0.4662



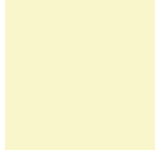
Protanomaly

91.1313, 0.3590, 0.4042



Deuteranomaly

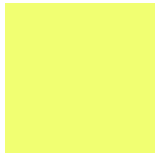
90.4764, 0.3510, 0.3884



Tritanomaly

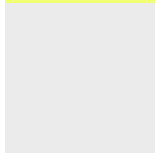
90.4109, 0.3405, 0.3712

Monochromacy



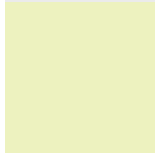
Original Color

91.4357, 0.3828, 0.4662



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.2704, 0.3410, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4357, 0.3828, 0.4662 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(241, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 114)  
}
```

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(241, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 114) }
```

Border

The CSS property to change the border of an element to Yxy 91.4357, 0.3828, 0.4662 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(241, 255, 114) }
```

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

```
.border{ border-color:rgb(241, 255, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 255, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 255, 114); box-shadow:4px 4px 4px 4px rgb(241, 255, 114) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4357, 0.3828, 0.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 114) }
```

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

```
.background{ background-color: rgb(241,  
255, 114) }
```

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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