

Converting Colors

Yxy(91.3611, 0.4139, 0.5093)

Have a look what the booklet for
Yxy(91.3611, 0.4139, 0.5093)
contains.

Yxy(91.2985, 0.4137, 0.5095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.2985, 0.4137, 0.5095)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF02
RGB	247, 255, 2
RGB Percent	97%, 100%, 1%
CMY	0.0313, 0.0000, 0.9935
CMYK	0.03, 0.00, 0.99, 0.00
HSL	62°, 100%, 50%
HSV	62°, 99%, 100%
XYZ	74.1319, 91.2985, 13.7620
YIQ	223.7660, 76.4450, -80.3790

Conversions

Conversions Part 2

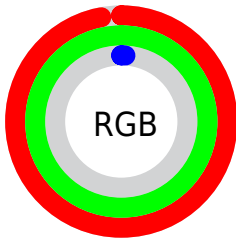
Format	Color
R _Y B	2, 255, 10
Decimal	16252674
CIE Lab	96.53, -24.81, 93.65
CIE LCh	97, 96.882, 104.836
Yxy	91.2985, 0.4137, 0.5095
Android (android.graphics.Color)	4294442754 (0xFF7FF02)
YUV	223.7660, -109.3306, 20.3762
Hunter-Lab	95.5502, -28.7252, 58.3457

Details

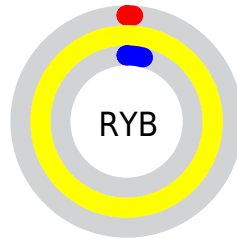
The Yxy color **91.2985, 0.4137, 0.5095** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.3185, 0.1509, 0.0607**, and the grayscale version is **75.0969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **51.2860, 0.4079, 0.5143** is the 20% darker color. If you saturate the color by 10%, you get **91.2878, 0.4137, 0.5097**, and if you desaturate by 10%, it is **91.5237, 0.4124, 0.5059**.

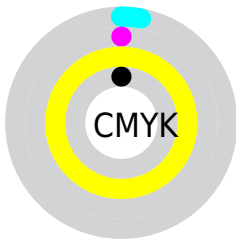
Distribution



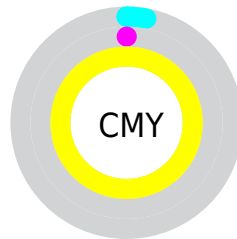
- Red (97%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (4%)



- Cyan (3%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2985, 0.4137, 0.5095 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 91.2985, 0.4137, 0.5095 by changing the saturation by 10% instead.


 91.2985, 0.4137,
0.5095


 91.2985, 0.4137,
0.5095


532.2458, 0.3793,
0.4351


 69.0581, 0.4179,
0.5229


 149.1408, 0.4047,
0.4864

 50.7590, 0.4213,
0.5375

 185.5114, 0.4003,
0.4766

 36.0169, 0.4231,
0.5529


 227.3610, 0.3962,
0.4678

 24.4472, 0.4232,
0.5706

 275.0738, 0.3923,
0.4599

 15.6657, 0.4157,
0.5843

 329.0343, 0.3887,
0.4527

 9.2879, 0.4016,
0.5984


 389.6269, 0.3853,


 4.9295, 0.3806,


0.4463


0.6194

457.2359, 0.3822,
0.4404


 2.2059, 0.3464,
0.6536


 0.7232, 0.1016,
0.8984


 91.2985, 0.4137,
0.5095


 91.2985, 0.4137,
0.5095


 91.2878, 0.4137,
0.5097


 91.5237, 0.4124,
0.5059

 91.8448, 0.4088,
0.4985


 92.2910, 0.4026,
0.4866


 92.8795, 0.3937,
0.4704

 93.6252, 0.3826,
0.4504

 94.5408, 0.3697,
0.4276

 95.6377, 0.3556,
0.4030

 96.9265, 0.3409,
0.3775

 98.4169, 0.3262,
0.3521

Harmonies

Analogous

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



91.2985, 0.4903, 0.4427



91.2985, 0.4137, 0.5095



91.2985, 0.3179, 0.5274

Triad

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



91.2985, 0.4137, 0.5095



91.2985, 0.1400, 0.2330



91.2985, 0.3853, 0.2389

Complementary

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



91.2985, 0.4137, 0.5095



7.3185, 0.1509, 0.0607

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.



91.2985, 0.2759, 0.1955



91.2985, 0.4137, 0.5095



91.2985, 0.1512, 0.1868

Square

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



91.2985, 0.4137, 0.5095



91.2985, 0.1631, 0.3266



91.2985, 0.1953, 0.1769



91.2985, 0.4838, 0.2997

Rectangle

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



91.2985, 0.4137, 0.5095



91.2985, 0.2543, 0.4867



91.2985, 0.1953, 0.1769



91.2985, 0.3474, 0.2220

Sweetspot

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



91.3010, 0.4137, 0.5095



95.5601, 0.3566, 0.4046



21.3915, 0.6385, 0.3306



20.3510, 0.3626, 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.



91.3010, 0.4137, 0.5095



91.2878, 0.4137, 0.5097



75.8171, 0.3334, 0.5732



21.0599, 0.3264, 0.3525



47.7129, 0.4138, 0.5096



4.6544, 0.4145, 0.5091

Inverse Universe

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



7.3185, 0.1509, 0.0607



7.2719, 0.1507, 0.0604



12.2068, 0.2044, 0.0902



17.4050, 0.2983, 0.3044



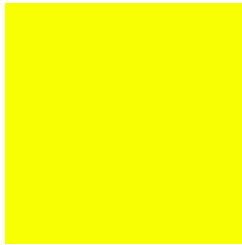
3.8115, 0.1509, 0.0605



0.3803, 0.1531, 0.0617

Previews

White Background



This preview shows how the Yxy color 91.2985, 0.4137, 0.5095 looks on a white background.

Color Contrast Check

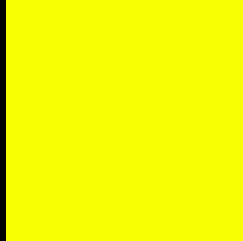
Large Text (above 18pt) WCAG AA × Fail

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 91.2985, 0.4137, 0.5095 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 91.2985, 0.4137, 0.5095

Background



This preview shows how black text looks on a background with the Yxy color 91.2985, 0.4137, 0.5095.

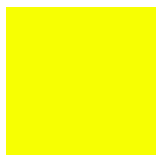


This preview shows how white text looks on a background with the Yxy color 91.2985, 0.4137, 0.5095.

Color Blindness Simulation

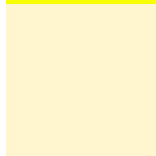
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



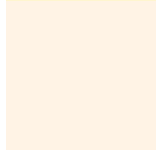
Original Color

91.2985, 0.4137, 0.5095



Protanopia

91.0698, 0.3429, 0.3667



Deuteranopia

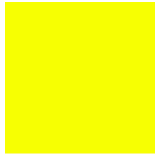
91.0183, 0.3293, 0.3428



Tritanopia

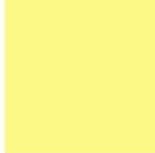
91.0727, 0.3164, 0.3203

Trichromacy



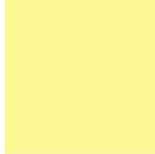
Original Color

91.2985, 0.4137, 0.5095



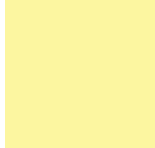
Protanomaly

90.1128, 0.3844, 0.4430



Deuteranomaly

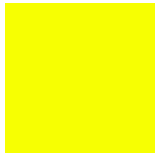
89.2923, 0.3775, 0.4289



Tritanomaly

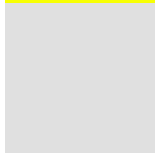
89.1450, 0.3697, 0.4149

Monochromacy



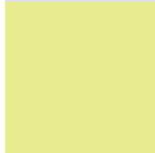
Original Color

91.2985, 0.4137, 0.5095



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

78.5556, 0.3691, 0.4268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2985, 0.4137, 0.5095 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(247, 255, 2)` looks like.

```
.text, #text, p{  
  color:rgb(247, 255, 2)  
}
```

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(247, 255, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 2) }
```

Border

The CSS property to change the border of an element to Yxy 91.2985, 0.4137, 0.5095 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(247, 255, 2) }
```

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

```
.border{ border-color:rgb(247, 255, 2) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 2);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
2) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2985, 0.4137, 0.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 2) }
```

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

```
.background{ background-color: rgb(247,  
255, 2) }
```

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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