

Converting Colors

$Yxy(91.1115, 0.4207, 0.5042)$

Have a look what the booklet for
Yxy(91.1115, 0.4207, 0.5042)
contains.

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Color

Yxy(91.3214, 0.4200, 0.5047)

Conversions

Conversions Part 1

Format	Color
Hex	FEFD00
RGB	254, 253, 0
RGB Percent	100%, 99%, 0%
CMY	0.0040, 0.0078, 0.9994
CMYK	0.00, 0.00, 1.00, 0.00
HSL	60°, 100%, 50%
HSV	60°, 100%, 100%
XYZ	75.9956, 91.3214, 13.6249
YIQ	224.4570, 81.8090, -78.4710

Conversions

Conversions Part 2

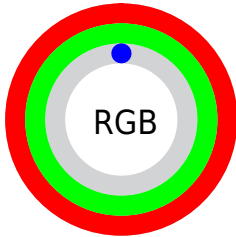
Format	Color
R _Y B	1, 254, 0
Decimal	16710912
CIE Lab	96.54, -21.02, 94.00
CIE LCh	97, 96.325, 102.606
Yxy	91.3214, 0.4200, 0.5047
Android (android.graphics.Color)	4294900992 (0xFFFEFD00)
YUV	224.4570, -110.6573, 25.9092
Hunter-Lab	95.5622, -25.2822, 58.4402

Details

The Yxy color **91.3214, 0.4200, 0.5047** 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 **7.1807, 0.1501, 0.0602**, and the grayscale version is **75.6652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **51.1390, 0.4149, 0.5088** is the 20% darker color. If you saturate the color by 10%, you get **91.3249, 0.4200, 0.5047**, and if you desaturate by 10%, it is **91.4597, 0.4181, 0.5018**.

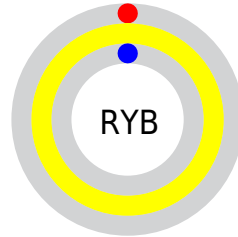
Distribution



Red (100%)

Green (99%)

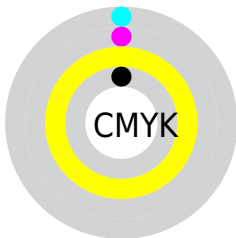
Blue (0%)



Red (0%)

Yellow (100%)

Blue (0%)

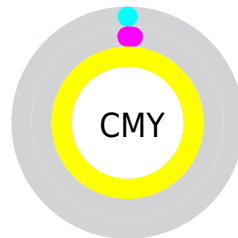


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3214, 0.4200, 0.5047 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 91.3214, 0.4200, 0.5047 by changing the saturation by 10% instead.

 91.3214, 0.4200,
0.5047

 91.3214, 0.4200,
0.5047


532.3200, 0.3827,
0.4332

 69.0771, 0.4248,
0.5173

 149.1725, 0.4100,
0.4828


 50.7745, 0.4290,
0.5309


 185.5482, 0.4053,
0.4734


 36.0292, 0.4316,
0.5452


 227.4031, 0.4008,
0.4649

 24.4567, 0.4330,
0.5614

 275.1216, 0.3966,
0.4572

 15.6728, 0.4269,
0.5731

 329.0881, 0.3927,
0.4503

 9.2929, 0.4151,
0.5849


 389.6871, 0.3891,


 4.9327, 0.3975,


0.4441

0.6025


457.3030, 0.3858,
0.4384


 2.2078, 0.3687,
0.6313


 0.7243, 0.1948,
0.8052


 91.3214, 0.4200,
0.5047


 91.3214, 0.4200,
0.5047


 91.3249, 0.4200,
0.5047


 91.4597, 0.4181,
0.5018


 91.6875, 0.4141,
0.4953

 92.0375, 0.4073,
0.4843


 92.5270, 0.3980,
0.4691

 93.1708, 0.3863,
0.4500

 93.9815, 0.3729,
0.4279

 94.9707, 0.3582,
0.4038

 96.1488, 0.3429,
0.3787

 97.5254, 0.3276,
0.3535

Harmonies

Analogous

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



91.3214, 0.4937, 0.4369



91.3214, 0.4200, 0.5047



91.3214, 0.3253, 0.5278

Triad

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



91.3214, 0.4200, 0.5047



91.3214, 0.1413, 0.2388



91.3214, 0.3765, 0.2354

Complementary

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



91.3214, 0.4200, 0.5047



7.1807, 0.1501, 0.0602

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.



91.3214, 0.2690, 0.1938



91.3214, 0.4200, 0.5047



91.3214, 0.1499, 0.1895

Square

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



91.3214, 0.4200, 0.5047



91.3214, 0.1671, 0.3355



91.3214, 0.1914, 0.1773



91.3214, 0.4771, 0.2951

Rectangle

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



91.3214, 0.4200, 0.5047



91.3214, 0.2615, 0.4923



91.3214, 0.1914, 0.1773



91.3214, 0.3389, 0.2190

Sweetspot

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



91.3257, 0.4200, 0.5047



95.8267, 0.3583, 0.4040



21.0816, 0.6388, 0.3293



20.4160, 0.3646, 0.4143



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.



91.3257, 0.4200, 0.5047



92.1553, 0.4200, 0.5047



75.7255, 0.3376, 0.5701



21.0781, 0.3269, 0.3524



48.1587, 0.4200, 0.5047



4.6928, 0.4199, 0.5048

Inverse Universe

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



7.1807, 0.1501, 0.0602



7.2413, 0.1501, 0.0602



11.3580, 0.1973, 0.0861



17.3890, 0.2978, 0.3045



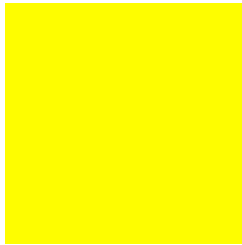
3.7886, 0.1501, 0.0602



0.3727, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 91.3214, 0.4200, 0.5047 looks on a white background.

Color Contrast Check

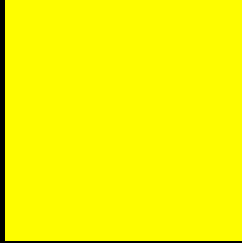
Large Text (above 18pt) WCAG AA × Fail

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 91.3214, 0.4200, 0.5047 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 91.3214, 0.4200, 0.5047

Background



This preview shows how black text looks on a background with the Yxy color 91.3214, 0.4200, 0.5047.



This preview shows how white text looks on a background with the Yxy color 91.3214, 0.4200, 0.5047.

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



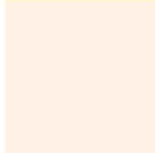
Original Color

91.3214, 0.4200, 0.5047



Protanopia

91.0698, 0.3429, 0.3667



Deuteranopia

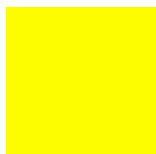
91.0183, 0.3293, 0.3428



Tritanopia

90.9479, 0.3176, 0.3223

Trichromacy



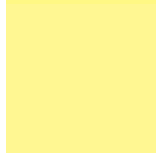
Original Color

91.3214, 0.4200, 0.5047



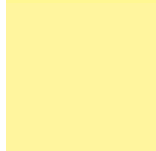
Protanomaly

90.0607, 0.3870, 0.4413



Deuteranomaly

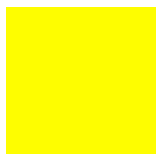
89.8569, 0.3797, 0.4281



Tritanomaly

89.0334, 0.3734, 0.4152

Monochromacy



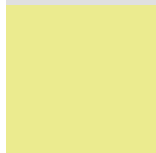
Original Color

91.3214, 0.4200, 0.5047



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

79.0620, 0.3714, 0.4260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3214, 0.4200, 0.5047 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(254, 253, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 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(254, 253, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 0) }
```

Border

The CSS property to change the border of an element to Yxy 91.3214, 0.4200, 0.5047 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(254, 253, 0) }
```

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

```
.border{ border-color:rgb(254, 253, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3214, 0.4200, 0.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 0) }
```

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

```
.background{ background-color: rgb(254,  
253, 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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