

Converting Colors

$Y_{xy}(21.4870, 0.4089, 0.5129)$

Have a look what the booklet for
Yxy(21.4870, 0.4089, 0.5129)
contains.

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Color

Yxy(21.4880, 0.4090, 0.5129)

Conversions

Conversions Part 1

Format	Color
Hex	7E8601
RGB	126, 134, 1
RGB Percent	49%, 53%, 0%
CMY	0.5059, 0.4745, 0.9962
CMYK	0.06, 0.00, 0.99, 0.47
HSL	64°, 99%, 26%
HSV	64°, 99%, 53%
XYZ	17.1351, 21.4880, 3.2720
YIQ	116.4460, 37.9250, -43.0590

Conversions

Conversions Part 2

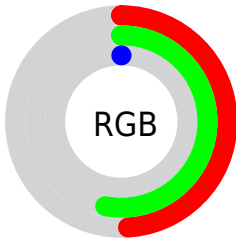
Format	Color
R_{YB}	1, 134, 9
Decimal	8291841
CIE Lab	53.48, -17.02, 57.61
CIE LCh	53, 60.075, 106.461
Yxy	21.4880, 0.4090, 0.5129
Android (android.graphics.Color)	4286481921 (0xFF7E8601)
YUV	116.4460, -56.9149, 8.3789
Hunter-Lab	46.3552, -15.1393, 28.2636

Details

The Yxy color **21.4880, 0.4090, 0.5129** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1.8002, 0.1532, 0.0623**, and the grayscale version is **17.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9031, 0.3956, 0.4765**, and **7.9135, 0.3965, 0.5233** is the 20% darker color. If you saturate the color by 10%, you get **21.4824, 0.4091, 0.5133**, and if you desaturate by 10%, it is **21.5811, 0.4069, 0.5067**.

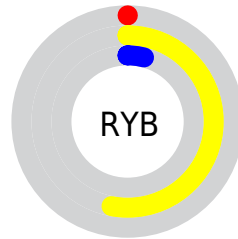
Distribution



Red (49%)

Green (53%)

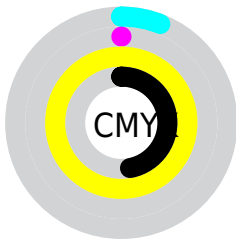
Blue (0%)



Red (0%)

Yellow (53%)

Blue (4%)

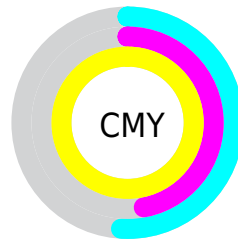


Cyan (6%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (51%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4880, 0.4090, 0.5129 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 21.4880, 0.4090, 0.5129 by changing the saturation by 10% instead.


 21.4880, 0.4090,
0.5129


 21.4880, 0.4090,
0.5129


 259.8607, 0.3644,
0.4133


 13.4812, 0.4147,
0.5362


 45.8983, 0.3957,
0.4767


 7.7607, 0.4252,
0.5742


 63.0706, 0.3896,
0.4628


 3.9422, 0.4093,
0.5907

 84.0668, 0.3841,
0.4512

 1.6413, 0.3817,
0.6183

 109.2713, 0.3792,
0.4413


 0.3852, 0.0000,
1.0000


 139.0686, 0.3748,
0.4328


 0.0000, 0.0000,
0.0000


 173.8430, 0.3709,


0.4254


 213.9789, 0.3675,
0.4190


 21.4880, 0.4090,
0.5129

 21.4880, 0.4090,
0.5129


 21.4824, 0.4091,
0.5133

 21.5811, 0.4069,
0.5067

 21.6931, 0.4030,
0.4974

 21.8341, 0.3967,
0.4840

 22.0076, 0.3880,
0.4668

 22.2163, 0.3774,
0.4465

■ 22.4630, 0.3653,
0.4239

■ 22.7498, 0.3522,
0.3998

■ 23.0791, 0.3387,
0.3753

■ 23.4528, 0.3251,
0.3509

Harmonies

Analogous

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



21.4880, 0.4875, 0.4470



21.4880, 0.4090, 0.5129



21.4880, 0.3125, 0.5267

Triad

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



21.4880, 0.4090, 0.5129



21.4880, 0.1393, 0.2289



21.4880, 0.3917, 0.2415

Complementary

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



21.4880, 0.4090, 0.5129



1.8002, 0.1532, 0.0623

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.



21.4880, 0.2812, 0.1968



21.4880, 0.4090, 0.5129



21.4880, 0.1522, 0.1849

Square

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



21.4880, 0.4090, 0.5129



21.4880, 0.1603, 0.3202



21.4880, 0.1983, 0.1767



21.4880, 0.4885, 0.3031

Rectangle

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



21.4880, 0.4090, 0.5129



21.4880, 0.2491, 0.4823



21.4880, 0.1983, 0.1767



21.4880, 0.3536, 0.2242

Sweetspot

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



21.4890, 0.4090, 0.5129



40.0070, 0.3541, 0.4032



5.2361, 0.6330, 0.3341



8.9715, 0.3588, 0.4119



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.4890, 0.4090, 0.5129



37.8246, 0.4089, 0.5135



18.0399, 0.3322, 0.5737



5.4092, 0.3248, 0.3505



20.1330, 0.4092, 0.5133



0.0708, 0.4146, 0.5090

Inverse Universe

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



1.8002, 0.1532, 0.0623



3.0999, 0.1520, 0.0611



3.2036, 0.2156, 0.0966



4.5569, 0.3000, 0.3066



1.6635, 0.1528, 0.0615



0.0066, 0.1653, 0.0684

Previews

White Background



This preview shows how the Yxy color 21.4880, 0.4090, 0.5129 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4880, 0.4090, 0.5129 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 × Fail

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

Yxy 21.4880, 0.4090, 0.5129

Background



This preview shows how black text looks on a background with the Yxy color 21.4880, 0.4090, 0.5129.



This preview shows how white text looks on a background with the Yxy color 21.4880, 0.4090, 0.5129.

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

21.4880, 0.4090, 0.5129

Deuteranopia

21.3097, 0.4640, 0.4561

Tritanopia

21.5394, 0.3146, 0.3133

Trichromacy



Original Color

21.4880, 0.4090, 0.5129

Deuteranomaly

21.2493, 0.4441, 0.4777

Tritanomaly

21.0158, 0.3652, 0.4058

Monochromacy



Original Color

21.4880, 0.4090, 0.5129

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.6534, 0.3655, 0.4244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4880, 0.4090, 0.5129 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(126, 134, 1)` looks like.

```
.text, #text, p{  
    color:rgb(126, 134, 1)  
}
```

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(126, 134, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 134, 1) }
```

Border

The CSS property to change the border of an element to Yxy 21.4880, 0.4090, 0.5129 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(126, 134, 1) }
```

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

```
.border{ border-color:rgb(126, 134, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 134, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 134, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 134, 1);  
box-shadow:4px 4px 4px 4px rgb(126, 134,  
1) }
```

Background

The CSS property to change the background color of an element to Yxy 21.4880, 0.4090, 0.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 134, 1) }
```

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

```
.background{ background-color: rgb(126,  
134, 1) }
```

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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