

Converting Colors

$Yxy(21.9746, 0.4119, 0.4988)$

Have a look what the booklet for
Yxy(21.9746, 0.4119, 0.4988)
contains.

Yxy(22.0062, 0.4117, 0.4987)	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

$\text{Yxy}(22.0062, 0.4117, 0.4987)$

Conversions

Conversions Part 1

Format	Color
Hex	848614
RGB	132, 134, 20
RGB Percent	52%, 53%, 8%
CMY	0.4824, 0.4745, 0.9214
CMYK	0.01, 0.00, 0.85, 0.47
HSL	61°, 74%, 30%
HSV	61°, 85%, 53%
XYZ	18.1671, 22.0062, 3.9538
YIQ	120.4060, 35.4020, -35.8780

Conversions

Conversions Part 2

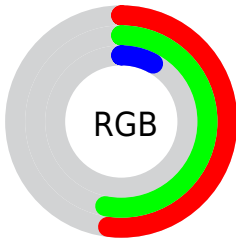
Format	Color
R _Y B	20, 134, 22
Decimal	8685076
CIE Lab	54.03, -13.85, 54.52
CIE LCh	54, 56.251, 104.255
Yxy	22.0062, 0.4117, 0.4987
Android (android.graphics.Color)	4286875156 (0xFF848614)
YUV	120.4060, -49.5002, 10.1679
Hunter-Lab	46.9108, -12.9661, 27.8404

Details

The Yxy color **22.0062, 0.4117, 0.4987** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2.3944, 0.1627, 0.0797**, and the grayscale version is **19.0748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7678, 0.3963, 0.4651**, and **8.1593, 0.4080, 0.5143** is the 20% darker color. If you saturate the color by 10%, you get **21.9521, 0.4150, 0.5050**, and if you desaturate by 10%, it is **22.0879, 0.4060, 0.4885**.

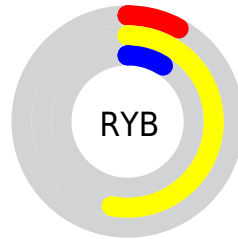
Distribution



Red (52%)

Green (53%)

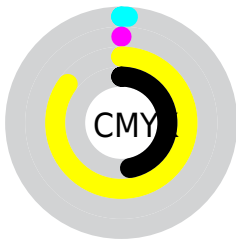
Blue (8%)



Red (8%)

Yellow (53%)

Blue (9%)

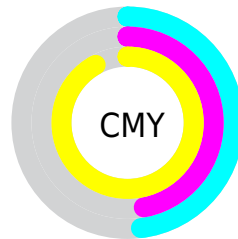


Cyan (1%)

Magenta (0%)

Yellow (85%)

Black (47%)



Cyan (48%)


Magenta (47%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0062, 0.4117, 0.4987 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 22.0062, 0.4117, 0.4987 by changing the saturation by 10% instead.


 22.0062, 0.4117,
0.4987


 22.0062, 0.4117,
0.4987


262.5787, 0.3640,
0.4070

 13.8615, 0.4194,
0.5205


 46.7562, 0.3965,
0.4652


 8.0244, 0.4291,
0.5509


 64.1303, 0.3899,
0.4525


 4.1105, 0.4251,
0.5749

 85.3497, 0.3842,
0.4418

 1.7356, 0.4036,
0.5964

 110.7986, 0.3791,
0.4327

 0.4465, 0.1620,
0.8380

 140.8616, 0.3746,
0.4249


 0.0000, 0.0000,
0.0000


 175.9230, 0.3707,

0.4181


 216.3672, 0.3671,
0.4122


 22.0062, 0.4117,
0.4987

 22.0062, 0.4117,
0.4987


 21.9521, 0.4150,
0.5050


 22.0879, 0.4060,
0.4885

 21.9282, 0.4164,
0.5076

 22.1987, 0.3980,
0.4743

 22.3427, 0.3877,
0.4565

 22.5226, 0.3757,
0.4358

 22.7411, 0.3623,
0.4131

■ 23.0002, 0.3483,
0.3891

■ 23.3022, 0.3339,
0.3648

■ 23.6489, 0.3197,
0.3408

■ 24.0421, 0.3060,
0.3177

Harmonies

Analogous

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



22.0062, 0.4823, 0.4377



22.0062, 0.4117, 0.4987



22.0062, 0.3213, 0.5134

Triad

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



22.0062, 0.4117, 0.4987



22.0062, 0.1490, 0.2409



22.0062, 0.3789, 0.2430

Complementary

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



22.0062, 0.4117, 0.4987



2.3944, 0.1627, 0.0797

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.



22.0062, 0.2768, 0.2018



22.0062, 0.4117, 0.4987



22.0062, 0.1588, 0.1952

Square

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



22.0062, 0.4117, 0.4987



22.0062, 0.1725, 0.3299



22.0062, 0.2007, 0.1846



22.0062, 0.4712, 0.3012

Rectangle

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



22.0062, 0.4117, 0.4987



22.0062, 0.2608, 0.4761



22.0062, 0.2007, 0.1846



22.0062, 0.3436, 0.2269

Sweetspot

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



22.0072, 0.4117, 0.4987



40.4471, 0.3504, 0.3928



5.6910, 0.5971, 0.3317



9.0815, 0.3546, 0.3998



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.



22.0072, 0.4117, 0.4987



38.6256, 0.4163, 0.5077



18.6028, 0.3420, 0.5502



5.4190, 0.3255, 0.3505



20.5492, 0.4164, 0.5076



0.0715, 0.4179, 0.5063

Inverse Universe

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



2.3944, 0.1627, 0.0797



3.0523, 0.1506, 0.0603



3.8823, 0.2250, 0.1124



4.5482, 0.2994, 0.3066



1.6278, 0.1508, 0.0605



0.0059, 0.1546, 0.0625

Previews

White Background



This preview shows how the Yxy color 22.0062, 0.4117, 0.4987 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 22.0062, 0.4117, 0.4987 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 22.0062, 0.4117, 0.4987

Background



This preview shows how black text looks on a background with the Yxy color 22.0062, 0.4117, 0.4987.



This preview shows how white text looks on a background with the Yxy color 22.0062, 0.4117, 0.4987.

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

22.0062, 0.4117, 0.4987

Protanopia

21.8585, 0.4359, 0.4807

Deuteranopia

22.0363, 0.4608, 0.4534



Tritanopia

22.0512, 0.3218, 0.3137

Trichromacy



Original Color

22.0062, 0.4117, 0.4987

Protanomaly

21.9423, 0.4271, 0.4876

Deuteranomaly

21.9243, 0.4436, 0.4695

Tritanomaly

21.6319, 0.3650, 0.3913

Monochromacy



Original Color

22.0062, 0.4117, 0.4987

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.5924, 0.3586, 0.4073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0062, 0.4117, 0.4987 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(132, 134, 20)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 20)  
}
```

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(132, 134, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 20) }
```

Border

The CSS property to change the border of an element to Yxy 22.0062, 0.4117, 0.4987 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(132, 134, 20) }
```

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

```
.border{ border-color:rgb(132, 134, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 20);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0062, 0.4117, 0.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 20) }
```

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

```
.background{ background-color: rgb(132,  
134, 20) }
```

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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