

Converting Colors

$Y_{xy}(21.0462, 0.4398, 0.4419)$

Have a look what the booklet for
Yxy(21.0462, 0.4398, 0.4419)
contains.

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Color

Yxy(21.0929, 0.4397, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	9B7A2F
RGB	155, 122, 47
RGB Percent	61%, 48%, 18%
CMY	0.3922, 0.5215, 0.8158
CMYK	0.00, 0.21, 0.70, 0.39
HSL	42°, 53%, 40%
HSV	42°, 70%, 61%
XYZ	20.9879, 21.0929, 5.6515
YIQ	123.3170, 43.7430, -16.3290

Conversions

Conversions Part 2

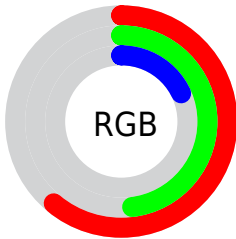
Format	Color
R_{YB}	95, 155, 47
Decimal	10189359
CIE _{Lab}	53.05, 4.58, 44.45
CIE _{LCh}	53, 44.684, 84.118
Yxy	21.0929, 0.4397, 0.4419
Android (android.graphics.Color)	4288379439 (0xFF9B7A2F)
YUV	123.3170, -37.6243, 27.7860
Hunter-Lab	45.9270, 1.1993, 24.8530

Details

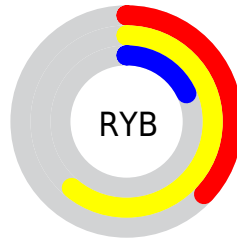
The Yxy color **21.0929, 0.4397, 0.4419** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.6998, 0.1959, 0.1712**, and the grayscale version is **20.0330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1322, 0.4144, 0.4208**, and **7.6069, 0.4705, 0.4646** is the 20% darker color. If you saturate the color by 10%, you get **19.8564, 0.4570, 0.4501**, and if you desaturate by 10%, it is **22.4325, 0.4207, 0.4299**.

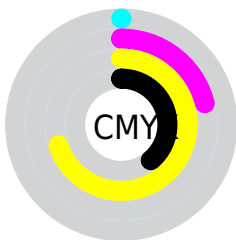
Distribution



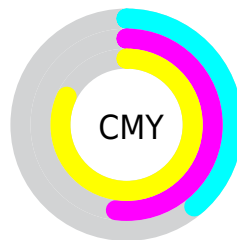
- Red (61%)
- Green (48%)
- Blue (18%)



- Red (37%)
- Yellow (61%)
- Blue (18%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (39%)




- Cyan (39%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0929, 0.4397, 0.4419 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 21.0929, 0.4397, 0.4419 by changing the saturation by 10% instead.


 21.0929, 0.4397,
0.4419


 21.0929, 0.4397,
0.4419


257.7718, 0.3715,
0.3831


 13.1919, 0.4563,
0.4551


 45.2421, 0.4146,
0.4210


 7.5608, 0.4760,
0.4696


 62.2591, 0.4052,
0.4129


 3.8153, 0.5074,
0.4926

 83.0836, 0.3972,
0.4060

 1.5708, 0.5142,
0.4858

 108.0999, 0.3905,
0.4000

 0.3378, 0.5617,
0.4383

 137.6925, 0.3847,
0.3949

 0.0000, 0.0000,
0.0000

 172.2458, 0.3797,

0.3905

212.1441, 0.3753,
0.3866

■ 21.0929, 0.4397,
0.4419

■ 21.0929, 0.4397,
0.4419

■ 19.8564, 0.4570,
0.4501

■ 22.4325, 0.4207,
0.4299

■ 18.7140, 0.4718,
0.4536

■ 23.8771, 0.4009,
0.4150

■ 17.6545, 0.4843,
0.4533

■ 25.4322, 0.3812,
0.3982

■ 17.6228, 0.4847,
0.4533

■ 27.1020, 0.3621,
0.3805

■ 28.8902, 0.3441,
0.3627

■ 30.8005, 0.3275,
0.3452

■ 32.8362, 0.3123,
0.3285

■ 35.0006, 0.2985,
0.3127

■ 37.2968, 0.2862,
0.2981

Harmonies

Analogous

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



21.0929, 0.4724, 0.3859



21.0929, 0.4397, 0.4419



21.0929, 0.3751, 0.4772

Triad

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



21.0929, 0.4397, 0.4419



21.0929, 0.1862, 0.3047



21.0929, 0.3106, 0.2316

Complementary

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



21.0929, 0.4397, 0.4419



8.6998, 0.1959, 0.1712

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.



21.0929, 0.2382, 0.2096



21.0929, 0.4397, 0.4419



21.0929, 0.1743, 0.2418

Square

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



21.0929, 0.4397, 0.4419



21.0929, 0.2292, 0.3917



21.0929, 0.1919, 0.2115



21.0929, 0.3940, 0.2730

Rectangle

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



21.0929, 0.4397, 0.4419



21.0929, 0.3239, 0.4746



21.0929, 0.1919, 0.2115



21.0929, 0.2841, 0.2218

Sweetspot

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



21.0939, 0.4397, 0.4419



51.1835, 0.3471, 0.3657



9.5949, 0.4652, 0.2786



11.3973, 0.3516, 0.3703



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



21.0939, 0.4397, 0.4419



34.3307, 0.4662, 0.4528



28.8094, 0.3828, 0.4955



6.9044, 0.3267, 0.3444



14.2267, 0.4840, 0.4539



0.2760, 0.4502, 0.4807

Inverse Universe

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



8.6998, 0.1959, 0.1712



10.8732, 0.1749, 0.1324



5.5825, 0.1989, 0.1203



6.3186, 0.2988, 0.3131



3.6154, 0.1624, 0.1047



0.1129, 0.1844, 0.1838

Previews

White Background



This preview shows how the Yxy color 21.0929, 0.4397, 0.4419 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 21.0929, 0.4397, 0.4419 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 21.0929, 0.4397, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 21.0929, 0.4397, 0.4419.



This preview shows how white text looks on a background with the Yxy color 21.0929, 0.4397, 0.4419.

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

21.0929, 0.4397, 0.4419

Protanopia

21.1429, 0.4165, 0.4568

Deuteranopia

21.1491, 0.4447, 0.4384



Tritanopia

21.0418, 0.3633, 0.3148

Trichromacy



Original Color

21.0929, 0.4397, 0.4419

Protanomaly

21.0837, 0.4252, 0.4505

Deuteranomaly

21.0481, 0.4434, 0.4391

Tritanomaly

20.9197, 0.3965, 0.3650

Monochromacy



Original Color

21.0929, 0.4397, 0.4419

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.1430, 0.3612, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0929, 0.4397, 0.4419 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(155, 122, 47)` looks like.

```
.text, #text, p{  
    color:rgb(155, 122, 47)  
}
```

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(155, 122, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 122, 47) }
```

Border

The CSS property to change the border of an element to Yxy 21.0929, 0.4397, 0.4419 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(155, 122, 47) }
```

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

```
.border{ border-color:rgb(155, 122, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 122, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 122, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 122, 47);  
box-shadow:4px 4px 4px 4px rgb(155, 122,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0929, 0.4397, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 122, 47) }
```

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

```
.background{ background-color: rgb(155,  
122, 47) }
```

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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