

Converting Colors

$Y_{xy}(22.2356, 0.3813, 0.4087)$

Have a look what the booklet for
Yxy(22.2356, 0.3813, 0.4087)
contains.

Yxy(22.1647, 0.3821, 0.4084)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.1647, 0.3821, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	8F8153
RGB	143, 129, 83
RGB Percent	56%, 51%, 33%
CMY	0.4393, 0.4941, 0.6745
CMYK	0.00, 0.10, 0.42, 0.44
HSL	46°, 27%, 44%
HSV	46°, 42%, 56%
XYZ	20.7373, 22.1647, 11.3700
YIQ	127.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

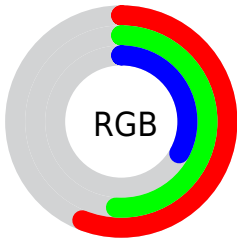
Format	Color
R_{YB}	101, 143, 83
Decimal	9404755
CIE Lab	54.20, -1.59, 26.86
CIE LCh	54, 26.903, 93.380
Yxy	22.1647, 0.3821, 0.4084
Android (android.graphics.Color)	4287594835 (0xFF8F8153)
YUV	127.9420, -22.1564, 13.2059
Hunter-Lab	47.0794, -3.7640, 18.6366

Details

The Yxy color **22.1647, 0.3821, 0.4084** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3679, 0.2421, 0.2340**, and the grayscale version is **21.6376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1551, 0.3676, 0.3918**, and **8.0950, 0.4057, 0.4369** is the 20% darker color. If you saturate the color by 10%, you get **21.1036, 0.4000, 0.4261**, and if you desaturate by 10%, it is **23.3020, 0.3643, 0.3895**.

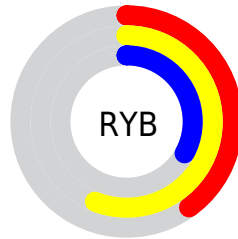
Distribution



Red (56%)

Green (51%)

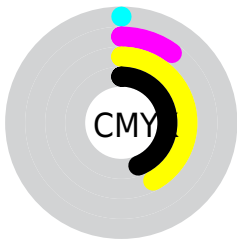
Blue (33%)



Red (40%)

Yellow (56%)

Blue (33%)

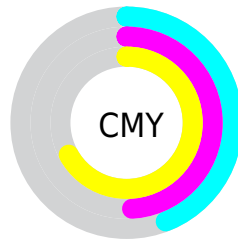


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1647, 0.3821, 0.4084 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 22.1647, 0.3821, 0.4084 by changing the saturation by 10% instead.

■ 22.1647, 0.3821,
0.4084

■ 22.1647, 0.3821,
0.4084

■ 263.4052, 0.3439,
0.3643

■ 13.9780, 0.3926,
0.4208

■ 47.0181, 0.3674,
0.3913

■ 8.1053, 0.4065,
0.4373

■ 64.4535, 0.3621,
0.3852

■ 4.1624, 0.4251,
0.4598

■ 85.7406, 0.3577,
0.3802

■ 1.7648, 0.4781,
0.5219

■ 111.2638, 0.3541,
0.3760

■ 0.4651, 0.4644,
0.5356

■ 141.4074, 0.3510,
0.3724

■ 0.0000, 0.0000,
0.0000

176.5559, 0.3483,

0.3693

217.0937, 0.3459,
0.3666

■ 22.1647, 0.3821,
0.4084

■ 22.1647, 0.3821,
0.4084

■ 21.1036, 0.4000,
0.4261

■ 23.3020, 0.3643,
0.3895

■ 20.1126, 0.4173,
0.4417

■ 24.5153, 0.3470,
0.3701

■ 19.1893, 0.4333,
0.4541

■ 25.8083, 0.3307,
0.3510

■ 18.3298, 0.4472,
0.4627

■ 27.1834, 0.3155,
0.3325

■ 17.5297, 0.4585,
0.4667

■ 28.6430, 0.3016,
0.3150

■ 16.9187, 0.4664,
0.4679

■ 30.1894, 0.2889,
0.2985

■ 31.8246, 0.2774,
0.2833

■ 33.5507, 0.2671,
0.2692

■ 35.3698, 0.2578,
0.2564

Harmonies

Analogous

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



22.1647, 0.4065, 0.3804



22.1647, 0.3821, 0.4084



22.1647, 0.3399, 0.4157

Triad

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



22.1647, 0.3821, 0.4084



22.1647, 0.2290, 0.3037



22.1647, 0.3282, 0.2745

Complementary

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



22.1647, 0.3821, 0.4084



12.3679, 0.2421, 0.2340

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.



22.1647, 0.2804, 0.2557



22.1647, 0.3821, 0.4084



22.1647, 0.2264, 0.2691

Square

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



22.1647, 0.3821, 0.4084



22.1647, 0.2522, 0.3507



22.1647, 0.2443, 0.2530



22.1647, 0.3748, 0.3055

Rectangle

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



22.1647, 0.3821, 0.4084



22.1647, 0.3079, 0.4046



22.1647, 0.2443, 0.2530



22.1647, 0.3116, 0.2666

Sweetspot

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



22.1657, 0.3821, 0.4084



45.9142, 0.3328, 0.3535



12.8888, 0.3911, 0.3041



10.4200, 0.3361, 0.3573



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.1657, 0.3821, 0.4084



37.9668, 0.3984, 0.4246



24.7758, 0.3544, 0.4361



6.0753, 0.3264, 0.3458



14.9958, 0.4661, 0.4681



0.1767, 0.4406, 0.4884

Inverse Universe

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



12.3679, 0.2421, 0.2340



18.0897, 0.2252, 0.2089



10.8230, 0.2568, 0.2106



5.4463, 0.2990, 0.3116



2.7592, 0.1582, 0.0893



0.0555, 0.1781, 0.1613

Previews

White Background



This preview shows how the Yxy color 22.1647, 0.3821, 0.4084 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 22.1647, 0.3821, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

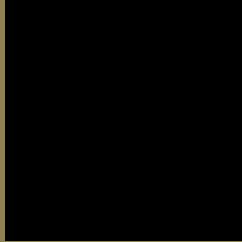
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1647, 0.3821, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 22.1647, 0.3821, 0.4084.



This preview shows how white text looks on a background with the Yxy color 22.1647, 0.3821, 0.4084.

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

22.1647, 0.3821, 0.4084

Protanopia

22.2525, 0.3789, 0.4107

Deuteranopia

22.1233, 0.4013, 0.3943



Tritanopia

22.1278, 0.3330, 0.3141

Trichromacy



Original Color

22.1647, 0.3821, 0.4084

Protanomaly

22.3406, 0.3802, 0.4103

Deuteranomaly

22.1411, 0.3934, 0.3991

Tritanomaly

21.9931, 0.3516, 0.3479

Monochromacy



Original Color

22.1647, 0.3821, 0.4084

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5947, 0.3367, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1647, 0.3821, 0.4084 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(143, 129, 83)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 83)  
}
```

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(143, 129, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 83) }
```

Border

The CSS property to change the border of an element to Yxy 22.1647, 0.3821, 0.4084 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(143, 129, 83) }
```

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

```
.border{ border-color:rgb(143, 129, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 129, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 129, 83);  
box-shadow:4px 4px 4px 4px rgb(143, 129,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1647, 0.3821, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 83) }
```

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

```
.background{ background-color: rgb(143,  
129, 83) }
```

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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