

Converting Colors

$Y_{xy}(21.6999, 0.3814, 0.4036)$

Have a look what the booklet for
Yxy(21.6999, 0.3814, 0.4036)
contains.

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Color

Yxy(21.6585, 0.3823, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	8F7F54
RGB	143, 127, 84
RGB Percent	56%, 50%, 33%
CMY	0.4393, 0.5019, 0.6705
CMYK	0.00, 0.11, 0.41, 0.44
HSL	44°, 26%, 45%
HSV	44°, 41%, 56%
XYZ	20.5155, 21.6585, 11.4893
YIQ	126.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

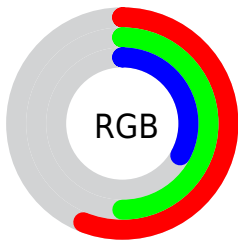
Format	Color
R_{YB}	106, 143, 84
Decimal	9404244
CIE Lab	53.66, -0.34, 25.60
CIE LCh	54, 25.601, 90.766
Yxy	21.6585, 0.3823, 0.4036
Android (android.graphics.Color)	4287594324 (0xFF8F7F54)
YUV	126.8820, -21.1408, 14.1355
Hunter-Lab	46.5387, -2.7552, 17.9398

Details

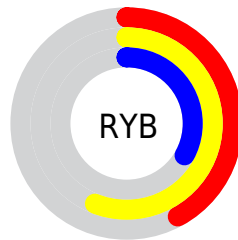
The Yxy color **21.6585, 0.3823, 0.4036** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.9800, 0.2442, 0.2406**, and the grayscale version is **21.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3695, 0.3676, 0.3881**, and **7.8129, 0.4070, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **20.4764, 0.4011, 0.4207**, and if you desaturate by 10%, it is **22.9268, 0.3638, 0.3854**.

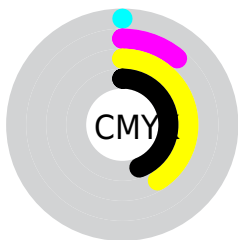
Distribution



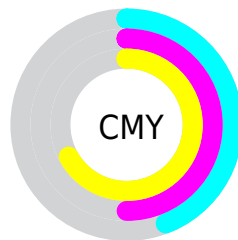
- Red (56%)
- Green (50%)
- Blue (33%)



- Red (42%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (44%)





- Cyan (44%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6585, 0.3823, 0.4036 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 21.6585, 0.3823, 0.4036 by changing the saturation by 10% instead.


 21.6585, 0.3823,
0.4036


 21.6585, 0.3823,
0.4036


260.7577, 0.3437,
0.3621


 13.6062, 0.3931,
0.4153


 46.1809, 0.3674,
0.3875

 7.8473, 0.4075,
0.4308


 63.4198, 0.3620,
0.3818


 3.9974, 0.4272,
0.4522

 84.4897, 0.3576,
0.3771

 1.6721, 0.4853,
0.5147

 109.7750, 0.3539,
0.3731

 0.4055, 0.4818,
0.5182

 139.6600, 0.3508,
0.3697

 0.0000, 0.0000,
0.0000

174.5292, 0.3481,

0.3668

214.7669, 0.3457,
0.3643

■ 21.6585, 0.3823,
0.4036

■ 21.6585, 0.3823,
0.4036

■ 20.4764, 0.4011,
0.4207

■ 22.9268, 0.3638,
0.3854

■ 19.3743, 0.4196,
0.4359

■ 24.2813, 0.3462,
0.3669

■ 18.3496, 0.4371,
0.4480

■ 25.7258, 0.3297,
0.3487

■ 17.3984, 0.4526,
0.4562

■ 27.2629, 0.3145,
0.3311

■ 16.5160, 0.4656,
0.4600

■ 28.8951, 0.3006,
0.3145

■ 15.7894, 0.4755,
0.4606

■ 30.6248, 0.2881,
0.2990

■ 32.4542, 0.2768,
0.2846

■ 34.3855, 0.2667,
0.2714

■ 36.4208, 0.2576,
0.2592

Harmonies

Analogous

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



21.6585, 0.4036, 0.3757



21.6585, 0.3823, 0.4036



21.6585, 0.3429, 0.4124

Triad

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



21.6585, 0.3823, 0.4036



21.6585, 0.2334, 0.3085



21.6585, 0.3235, 0.2744

Complementary

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



21.6585, 0.3823, 0.4036



12.9800, 0.2442, 0.2406

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.



21.6585, 0.2782, 0.2575



21.6585, 0.3823, 0.4036



21.6585, 0.2290, 0.2737

Square

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



21.6585, 0.3823, 0.4036



21.6585, 0.2575, 0.3539



21.6585, 0.2447, 0.2566



21.6585, 0.3688, 0.3035

Rectangle

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



21.6585, 0.3823, 0.4036



21.6585, 0.3123, 0.4033



21.6585, 0.2447, 0.2566



21.6585, 0.3077, 0.2672

Sweetspot

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



21.6595, 0.3823, 0.4036



45.8140, 0.3313, 0.3505



13.1150, 0.3840, 0.2992



10.4377, 0.3331, 0.3525



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.



21.6595, 0.3823, 0.4036



36.9275, 0.3988, 0.4188



25.0421, 0.3572, 0.4330



6.0417, 0.3265, 0.3450



14.0002, 0.4752, 0.4609



0.1704, 0.4448, 0.4850

Inverse Universe

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



12.9800, 0.2442, 0.2406



19.3286, 0.2282, 0.2177



10.8553, 0.2542, 0.2117



5.4780, 0.2990, 0.3125



3.0525, 0.1604, 0.0973



0.0617, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 21.6585, 0.3823, 0.4036 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 21.6585, 0.3823, 0.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

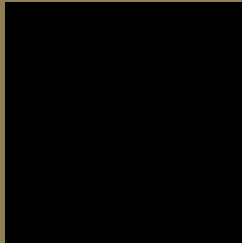
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6585, 0.3823, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 21.6585, 0.3823, 0.4036.



This preview shows how white text looks on a background with the Yxy color 21.6585, 0.3823, 0.4036.

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

21.6585, 0.3823, 0.4036

Protanopia

21.5832, 0.3754, 0.4050

Deuteranopia

21.6918, 0.3983, 0.3918



Tritanopia

21.6093, 0.3346, 0.3124

Trichromacy



Original Color

21.6585, 0.3823, 0.4036

Protanomaly

21.6697, 0.3767, 0.4046

Deuteranomaly

21.5552, 0.3924, 0.3947

Tritanomaly

21.4918, 0.3523, 0.3446

Monochromacy



Original Color

21.6585, 0.3823, 0.4036

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.3130, 0.3381, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6585, 0.3823, 0.4036 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, 127, 84)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 84)  
}
```

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, 127, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 84) }
```

Border

The CSS property to change the border of an element to Yxy 21.6585, 0.3823, 0.4036 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, 127, 84) }
```

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

```
.border{ border-color:rgb(143, 127, 84) }
```

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

Here you see how a box with a 4 pixel rgb(143, 127, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 84);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6585, 0.3823, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 84) }
```

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

```
.background{ background-color: rgb(143,  
127, 84) }
```

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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