

Converting Colors

$Y_{xy}(21.3971, 0.3697, 0.3831)$

Have a look what the booklet for
Yxy(21.3971, 0.3697, 0.3831)
contains.

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Color

Yxy(21.4987, 0.3689, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	8E7E5F
RGB	142, 126, 95
RGB Percent	56%, 49%, 37%
CMY	0.4430, 0.5059, 0.6274
CMYK	0.00, 0.11, 0.33, 0.44
HSL	40°, 20%, 46%
HSV	40°, 33%, 56%
XYZ	20.6856, 21.4987, 13.8895
YIQ	127.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

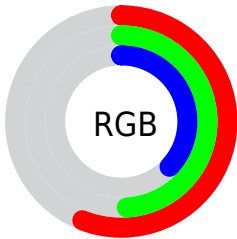
Format	Color
R_{YB}	119, 142, 95
Decimal	9338463
CIE _{Lab}	53.49, 1.23, 19.13
CIE _{LCh}	53, 19.172, 86.336
Yxy	21.4987, 0.3689, 0.3834
Android (android.graphics.Color)	4287528543 (0xFF8E7E5F)
YUV	127.2500, -15.8992, 12.9358
Hunter-Lab	46.3667, -1.5073, 14.6959

Details

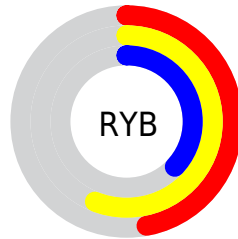
The Yxy color **21.4987, 0.3689, 0.3834** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7672, 0.2597, 0.2677**, and the grayscale version is **21.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0513, 0.3558, 0.3717**, and **7.7453, 0.3919, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **20.0556, 0.3888, 0.4000**, and if you desaturate by 10%, it is **23.0509, 0.3502, 0.3665**.

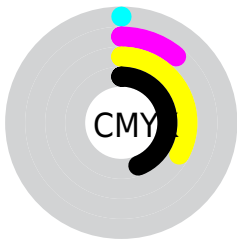
Distribution



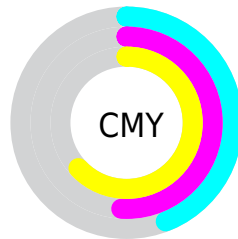
- Red (56%)
- Green (49%)
- Blue (37%)



- Red (47%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4987, 0.3689, 0.3834 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 21.4987, 0.3689, 0.3834 by changing the saturation by 10% instead.


 21.4987, 0.3689,
0.3834


 21.4987, 0.3689,
0.3834

259.9171, 0.3373,
0.3530


 13.4890, 0.3781,
0.3921


 45.9160, 0.3565,
0.3715


 7.7661, 0.3906,
0.4040


 63.0925, 0.3521,
0.3673

 3.9457, 0.4088,
0.4209

 84.0933, 0.3486,
0.3639

 1.6432, 0.4542,
0.4643

 109.3030, 0.3456,
0.3610

 0.3865, 0.5069,
0.4931

139.1057, 0.3430,
0.3586

 0.0000, 0.0000,
0.0000

173.8861, 0.3409,

0.3565

214.0284, 0.3390,
0.3546

■ 21.4987, 0.3689,
0.3834

■ 21.4987, 0.3689,
0.3834

■ 20.0556, 0.3888,
0.4000

■ 23.0509, 0.3502,
0.3665

■ 18.7151, 0.4094,
0.4155

■ 24.7124, 0.3330,
0.3498

■ 17.4747, 0.4301,
0.4289

■ 26.4872, 0.3173,
0.3338

■ 16.3303, 0.4500,
0.4392

■ 28.3781, 0.3031,
0.3186

■ 15.2775, 0.4681,
0.4454

■ 30.3880, 0.2904,
0.3045

■ 14.3112, 0.4835,
0.4469

■ 32.5194, 0.2791,
0.2914

■ 13.6855, 0.4934,
0.4464

■ 34.7748, 0.2690,
0.2793

■ 37.1567, 0.2601,
0.2682

■ 39.6674, 0.2521,
0.2580

Harmonies

Analogous

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



21.4987, 0.3817, 0.3617



21.4987, 0.3689, 0.3834



21.4987, 0.3411, 0.3912

Triad

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



21.4987, 0.3689, 0.3834



21.4987, 0.2540, 0.3191



21.4987, 0.3159, 0.2844

Complementary

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



21.4987, 0.3689, 0.3834



15.7672, 0.2597, 0.2677

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.



21.4987, 0.2823, 0.2731



21.4987, 0.3689, 0.3834



21.4987, 0.2481, 0.2909

Square

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



21.4987, 0.3689, 0.3834



21.4987, 0.2750, 0.3527



21.4987, 0.2581, 0.2749



21.4987, 0.3503, 0.3061

Rectangle

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



21.4987, 0.3689, 0.3834



21.4987, 0.3182, 0.3860



21.4987, 0.2581, 0.2749



21.4987, 0.3041, 0.2793

Sweetspot

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



21.4997, 0.3689, 0.3834



44.4445, 0.3283, 0.3451



15.0985, 0.3602, 0.2997



9.8424, 0.3302, 0.3471



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



21.4997, 0.3689, 0.3834



35.9132, 0.3842, 0.3963



25.3292, 0.3526, 0.4110



5.9798, 0.3266, 0.3435



12.3176, 0.4930, 0.4467



0.1588, 0.4532, 0.4783

Inverse Universe

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



15.7672, 0.2597, 0.2677



24.1549, 0.2463, 0.2504



12.9699, 0.2641, 0.2368



5.5370, 0.2990, 0.3141



3.7148, 0.1651, 0.1143



0.0734, 0.1879, 0.1964

Previews

White Background



This preview shows how the Yxy color 21.4987, 0.3689, 0.3834 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 21.4987, 0.3689, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

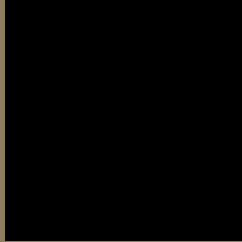
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4987, 0.3689, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 21.4987, 0.3689, 0.3834.



This preview shows how white text looks on a background with the Yxy color 21.4987, 0.3689, 0.3834.

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

21.4987, 0.3689, 0.3834

Protanopia

21.6012, 0.3603, 0.3863

Deuteranopia

21.5898, 0.3810, 0.3747



Tritanopia

21.4244, 0.3321, 0.3122

Trichromacy



Original Color

21.4987, 0.3689, 0.3834

Protanomaly

21.5122, 0.3633, 0.3841

Deuteranomaly

21.5557, 0.3766, 0.3770

Tritanomaly

21.4937, 0.3461, 0.3377

Monochromacy



Original Color

21.4987, 0.3689, 0.3834

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.3221, 0.3323, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4987, 0.3689, 0.3834 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(142, 126, 95)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 95)  
}
```

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(142, 126, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 95) }
```

Border

The CSS property to change the border of an element to Yxy 21.4987, 0.3689, 0.3834 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(142, 126, 95) }
```

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

```
.border{ border-color:rgb(142, 126, 95) }
```

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

Here you see how a box with a 4 pixel rgb(142, 126, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 95);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4987, 0.3689, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 95) }
```

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

```
.background{ background-color: rgb(142,  
126, 95) }
```

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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