

Converting Colors

$Y_{xy}(21.0916, 0.3614, 0.3550)$

Have a look what the booklet for
Yxy(21.0916, 0.3614, 0.3550)
contains.

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Color

Yxy(21.0916, 0.3614, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	927A6B
RGB	146, 122, 107
RGB Percent	57%, 48%, 42%
CMY	0.4273, 0.5216, 0.5804
CMYK	0.00, 0.16, 0.27, 0.43
HSL	23°, 15%, 50%
HSV	23°, 27%, 57%
XYZ	21.4718, 21.0916, 16.8495
YIQ	127.4660, 19.1190, 0.4230

Conversions

Conversions Part 2

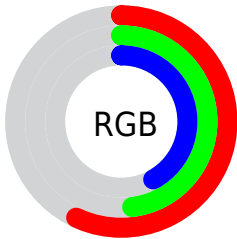
Format	Color
R_{YB}	146, 131, 107
Decimal	9599595
CIE _{Lab}	53.05, 6.89, 11.68
CIE _{LCh}	53, 13.557, 59.451
Yxy	21.0916, 0.3614, 0.3550
Android (android.graphics.Color)	4287789675 (0xFF927A6B)
YUV	127.4660, -10.0897, 16.2543
Hunter-Lab	45.9256, 3.0853, 10.3952

Details

The Yxy color **21.0916, 0.3614, 0.3550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4466, 0.2723, 0.3014**, and the grayscale version is **21.4241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0201, 0.3503, 0.3495**, and **7.5242, 0.3815, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **18.7032, 0.3850, 0.3653**, and if you desaturate by 10%, it is **23.7384, 0.3409, 0.3449**.

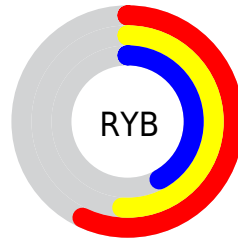
Distribution



Red (57%)

Green (48%)

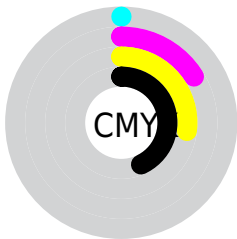
Blue (42%)



Red (57%)

Yellow (51%)

Blue (42%)

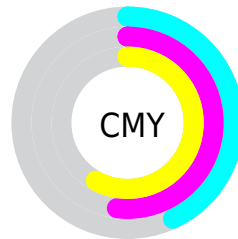


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (43%)



Cyan (43%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0916, 0.3614, 0.3550 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 21.0916, 0.3614, 0.3550 by changing the saturation by 10% instead.


 21.0916, 0.3614,
0.3550


 21.0916, 0.3614,
0.3550


257.7649, 0.3337,
0.3407


 13.1910, 0.3697,
0.3590


 45.2399, 0.3504,
0.3495

 7.5602, 0.3814,
0.3645


 62.2564, 0.3465,
0.3475

 3.8148, 0.3990,
0.3722

 83.0803, 0.3434,
0.3459

 1.5705, 0.4296,
0.3849

 108.0961, 0.3408,
0.3445

 0.3376, 0.5916,
0.4084

137.6880, 0.3386,
0.3433

 0.0000, 0.0000,
0.0000

172.2405, 0.3367,

0.3423

212.1380, 0.3351,
0.3415

■ 21.0916, 0.3614,
0.3550

■ 21.0916, 0.3614,
0.3550

■ 18.7032, 0.3850,
0.3653

■ 23.7384, 0.3409,
0.3449

■ 16.5620, 0.4118,
0.3751

■ 26.6483, 0.3232,
0.3352

■ 14.6606, 0.4414,
0.3839

■ 29.8298, 0.3080,
0.3261

■ 12.9897, 0.4730,
0.3905

■ 33.2899, 0.2950,
0.3177

■ 11.5394, 0.5052,
0.3938

■ 37.0354, 0.2838,
0.3099

■ 10.2991, 0.5356,
0.3927

■ 41.0729, 0.2742,
0.3028

■ 9.2551, 0.5623,
0.3869

■ 45.4087, 0.2659,
0.2963

■ 8.9504, 0.5709,
0.3849

■ 50.0489, 0.2586,
0.2904

■ 54.9995, 0.2524,
0.2850

Harmonies

Analogous

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



21.0916, 0.3579, 0.3351



21.0916, 0.3614, 0.3550



21.0916, 0.3513, 0.3691

Triad

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



21.0916, 0.3614, 0.3550



21.0916, 0.2838, 0.3434



21.0916, 0.2934, 0.2889

Complementary

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



21.0916, 0.3614, 0.3550



21.4466, 0.2723, 0.3014

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.



21.0916, 0.2748, 0.2895



21.0916, 0.3614, 0.3550



21.0916, 0.2695, 0.3201

Square

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



21.0916, 0.3614, 0.3550



21.0916, 0.3061, 0.3632



21.0916, 0.2662, 0.3005



21.0916, 0.3179, 0.2980

Rectangle

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



21.0916, 0.3614, 0.3550



21.0916, 0.3385, 0.3728



21.0916, 0.2662, 0.3005



21.0916, 0.2863, 0.2879

Sweetspot

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



21.0926, 0.3614, 0.3550



46.2224, 0.3256, 0.3365



18.2704, 0.3347, 0.2882



10.1209, 0.3279, 0.3379



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.



21.0926, 0.3614, 0.3550



34.6437, 0.3750, 0.3611



26.3672, 0.3535, 0.3866



6.1588, 0.3273, 0.3375



7.9132, 0.5701, 0.3856



0.1509, 0.4988, 0.4421

Inverse Universe

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



21.4466, 0.2723, 0.3014



35.3696, 0.2634, 0.2944



16.6927, 0.2689, 0.2640



6.1918, 0.2989, 0.3203



8.2947, 0.1892, 0.2013



0.1587, 0.2069, 0.2646

Previews

White Background



This preview shows how the Yxy color 21.0916, 0.3614, 0.3550 looks on a white background.

Color Contrast Check

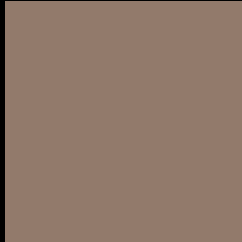
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0916, 0.3614, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

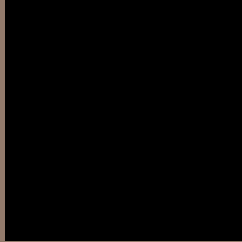
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

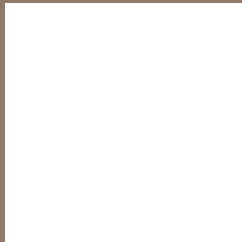
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.0916, 0.3614, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 21.0916, 0.3614, 0.3550.



This preview shows how white text looks on a background with the Yxy color 21.0916, 0.3614, 0.3550.

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

21.0916, 0.3614, 0.3550

Protanopia

21.0124, 0.3408, 0.3599

Deuteranopia

21.0916, 0.3614, 0.3550



Tritanopia

21.0481, 0.3387, 0.3140

Trichromacy



Original Color

21.0916, 0.3614, 0.3550

Protanomaly

21.1532, 0.3486, 0.3594

Deuteranomaly

21.0916, 0.3614, 0.3550

Tritanomaly

20.9921, 0.3471, 0.3291

Monochromacy



Original Color

21.0916, 0.3614, 0.3550

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.0916, 0.3294, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0916, 0.3614, 0.3550 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(146, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(146, 122, 107)  
}
```

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(146, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 122, 107) }
```

Border

The CSS property to change the border of an element to Yxy 21.0916, 0.3614, 0.3550 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(146, 122, 107) }
```

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

```
.border{ border-color:rgb(146, 122, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 122, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 122, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 122, 107);  
box-shadow:4px 4px 4px 4px rgb(146, 122,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0916, 0.3614, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 122, 107) }
```

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

```
.background{ background-color: rgb(146,  
122, 107) }
```

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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