

Converting Colors

$Yxy(21.0354, 0.3644, 0.3636)$

Have a look what the booklet for
Yxy(21.0354, 0.3644, 0.3636)
contains.

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Color

Yxy(21.1649, 0.3646, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	917B67
RGB	145, 123, 103
RGB Percent	57%, 48%, 40%
CMY	0.4313, 0.5177, 0.5960
CMYK	0.00, 0.15, 0.29, 0.43
HSL	29°, 17%, 49%
HSV	29°, 29%, 57%
XYZ	21.2114, 21.1649, 15.8010
YIQ	127.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

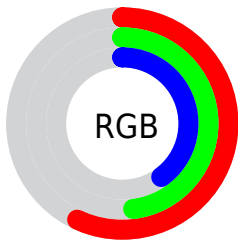
Format	Color
R_{YB}	145, 141, 103
Decimal	9534311
CIE _{Lab}	53.13, 5.31, 14.09
CIE _{LCh}	53, 15.056, 69.347
Yxy	21.1649, 0.3646, 0.3638
Android (android.graphics.Color)	4287724391 (0xFF917B67)
YUV	127.2980, -11.9789, 15.5247
Hunter-Lab	46.0053, 1.7908, 11.8400

Details

The Yxy color **21.1649, 0.3646, 0.3638** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6054, 0.2682, 0.2914**, and the grayscale version is **21.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1352, 0.3527, 0.3560**, and **7.5628, 0.3864, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **19.0857, 0.3872, 0.3763**, and if you desaturate by 10%, it is **23.4431, 0.3444, 0.3513**.

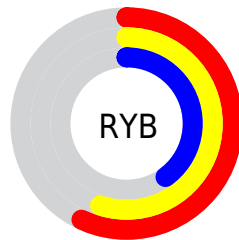
Distribution



Red (57%)

Green (48%)

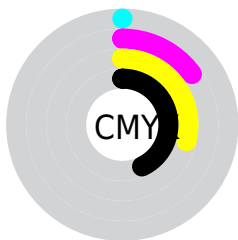
Blue (40%)



Red (57%)

Yellow (55%)

Blue (40%)

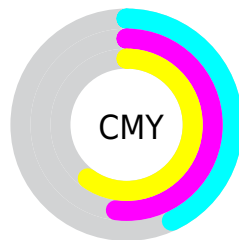


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (43%)



Cyan (43%)


Magenta (52%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1649, 0.3646, 0.3638 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 21.1649, 0.3646, 0.3638 by changing the saturation by 10% instead.


 21.1649, 0.3646,
0.3638


 21.1649, 0.3646,
0.3638


258.1535, 0.3352,
0.3446


 13.2446, 0.3734,
0.3693


 45.3618, 0.3529,
0.3563


 7.5972, 0.3857,
0.3767

 62.4072, 0.3488,
0.3537

 3.8383, 0.4039,
0.3872

 83.2631, 0.3455,
0.3515

 1.5835, 0.4386,
0.4076

 108.3138, 0.3427,
0.3496

 0.3465, 0.5698,
0.4302

137.9439, 0.3404,
0.3481

 0.0000, 0.0000,
0.0000

172.5376, 0.3384,

0.3467

212.4793, 0.3367,
0.3456

■ 21.1649, 0.3646,
0.3638

■ 21.1649, 0.3646,
0.3638

■ 19.0857, 0.3872,
0.3763

■ 23.4431, 0.3444,
0.3513

■ 17.1967, 0.4122,
0.3883

■ 25.9230, 0.3267,
0.3393

■ 15.4926, 0.4391,
0.3988

■ 28.6109, 0.3112,
0.3279

■ 13.9666, 0.4670,
0.4068

■ 31.5121, 0.2977,
0.3172

■ 12.6116, 0.4945,
0.4111

■ 34.6314, 0.2860,
0.3074

■ 11.4195, 0.5198,
0.4107

■ 37.9735, 0.2757,
0.2984

■ 10.3768, 0.5425,
0.4060

■ 41.5432, 0.2668,
0.2901

■ 10.2767, 0.5449,
0.4055

■ 45.3449, 0.2590,
0.2825

■ 49.3829, 0.2522,
0.2756

Harmonies

Analogous

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



21.1649, 0.3659, 0.3432



21.1649, 0.3646, 0.3638



21.1649, 0.3489, 0.3763

Triad

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



21.1649, 0.3646, 0.3638



21.1649, 0.2743, 0.3364



21.1649, 0.2998, 0.2870

Complementary

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



21.1649, 0.3646, 0.3638



19.6054, 0.2682, 0.2914

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.



21.1649, 0.2765, 0.2839



21.1649, 0.3646, 0.3638



21.1649, 0.2623, 0.3110

Square

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



21.1649, 0.3646, 0.3638



21.1649, 0.2966, 0.3608



21.1649, 0.2631, 0.2921



21.1649, 0.3276, 0.3001

Rectangle

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



21.1649, 0.3646, 0.3638



21.1649, 0.3328, 0.3775



21.1649, 0.2631, 0.2921



21.1649, 0.2912, 0.2847

Sweetspot

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



21.1659, 0.3646, 0.3638



46.3084, 0.3271, 0.3395



17.2152, 0.3418, 0.2904



10.1674, 0.3293, 0.3411



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.



21.1659, 0.3646, 0.3638



35.3373, 0.3796, 0.3723



26.8337, 0.3556, 0.3968



5.8207, 0.3270, 0.3395



8.8631, 0.5439, 0.4063



0.1284, 0.4809, 0.4564

Inverse Universe

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



19.6054, 0.2682, 0.2914



32.0561, 0.2576, 0.2811



14.9121, 0.2640, 0.2508



5.6935, 0.2990, 0.3183



6.2419, 0.1806, 0.1701



0.1038, 0.2013, 0.2446

Previews

White Background



This preview shows how the Yxy color 21.1649, 0.3646, 0.3638 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 21.1649, 0.3646, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

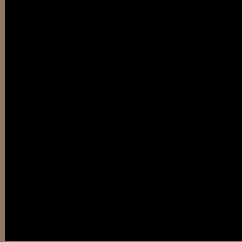
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1649, 0.3646, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 21.1649, 0.3646, 0.3638.



This preview shows how white text looks on a background with the Yxy color 21.1649, 0.3646, 0.3638.

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

21.1649, 0.3646, 0.3638

Protanopia

21.2670, 0.3464, 0.3689

Deuteranopia

21.1014, 0.3677, 0.3618



Tritanopia

21.0745, 0.3374, 0.3123

Trichromacy



Original Color

21.1649, 0.3646, 0.3638

Protanomaly

21.3245, 0.3530, 0.3683

Deuteranomaly

21.0093, 0.3663, 0.3620

Tritanomaly

20.9921, 0.3471, 0.3291

Monochromacy



Original Color

21.1649, 0.3646, 0.3638

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.2980, 0.3315, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1649, 0.3646, 0.3638 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(145, 123, 103)` looks like.

```
.text, #text, p{  
    color:rgb(145, 123, 103)  
}
```

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(145, 123, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 123, 103) }
```

Border

The CSS property to change the border of an element to Yxy 21.1649, 0.3646, 0.3638 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(145, 123, 103) }
```

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

```
.border{ border-color:rgb(145, 123, 103) }
```

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

Here you see how a box with a 4 pixel rgb(145, 123, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 123, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 123, 103);  
box-shadow:4px 4px 4px 4px rgb(145, 123,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1649, 0.3646, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 123, 103) }
```

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

```
.background{ background-color: rgb(145,  
123, 103) }
```

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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