

Converting Colors

$Y_{xy}(21.7981, 0.3547, 0.3398)$

Have a look what the booklet for
Yxy(21.7981, 0.3547, 0.3398)
contains.

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Color

Yxy(21.9109, 0.3549, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	967B74
RGB	150, 123, 116
RGB Percent	59%, 48%, 45%
CMY	0.4118, 0.5176, 0.5451
CMYK	0.00, 0.18, 0.23, 0.41
HSL	12°, 14%, 52%
HSV	12°, 23%, 59%
XYZ	22.8107, 21.9109, 19.5521
YIQ	130.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

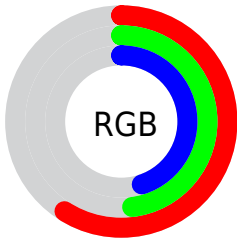
Format	Color
RYB	150, 125, 116
Decimal	9862004
CIELab	53.93, 9.29, 7.74
CIELCh	54, 12.090, 39.800
Yxy	21.9109, 0.3549, 0.3409
Android (android.graphics.Color)	4288052084 (0xFF967B74)
YUV	130.2750, -7.0376, 17.2988
Hunter-Lab	46.8091, 5.0697, 8.0010

Details

The Yxy color **21.9109, 0.3549, 0.3409** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5534, 0.2792, 0.3168**, and the grayscale version is **22.4463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4662, 0.3459, 0.3378**, and **7.9676, 0.3730, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **18.8136, 0.3798, 0.3465**, and if you desaturate by 10%, it is **25.4259, 0.3341, 0.3354**.

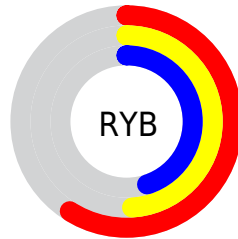
Distribution



Red (59%)

Green (48%)

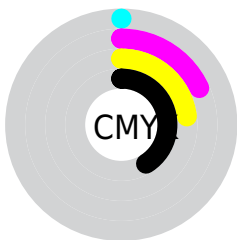
Blue (45%)



Red (59%)

Yellow (49%)

Blue (45%)

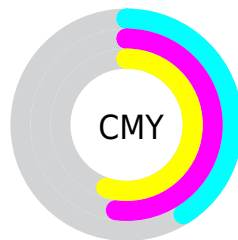


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (41%)



Cyan (41%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9109, 0.3549, 0.3409 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 21.9109, 0.3549, 0.3409 by changing the saturation by 10% instead.


 21.9109, 0.3549,
0.3409


 21.9109, 0.3549,
0.3409


262.0806, 0.3310,
0.3345


 13.7914, 0.3620,
0.3426


 46.5987, 0.3454,
0.3385

 7.9758, 0.3721,
0.3449


 63.9358, 0.3421,
0.3376

 4.0794, 0.3872,
0.3479

 85.1143, 0.3394,
0.3369

 1.7181, 0.4123,
0.3522

110.5185, 0.3372,
0.3363

 0.4353, 0.5954,
0.4046

140.5328, 0.3353,
0.3358

 0.0000, 0.0000,
0.0000

175.5417, 0.3336,

0.3353

215.9295, 0.3322,
0.3349

■ 21.9109, 0.3549,
0.3409

■ 21.9109, 0.3549,
0.3409

■ 18.8136, 0.3798,
0.3465

■ 25.4259, 0.3341,
0.3354

■ 16.1154, 0.4092,
0.3520

■ 29.3704, 0.3168,
0.3303

■ 13.8009, 0.4434,
0.3569

■ 33.7592, 0.3024,
0.3255

■ 11.8523, 0.4815,
0.3605

■ 38.6058, 0.2904,
0.3212

■ 10.2505, 0.5217,
0.3618

■ 43.9229, 0.2803,
0.3172

■ 8.9747, 0.5606,
0.3602

■ 49.7228, 0.2719,
0.3136

■ 8.0015, 0.5937,
0.3550

■ 56.0173, 0.2647,
0.3104

■ 7.4578, 0.6141,
0.3506

■ 62.8178, 0.2586,
0.3074

■ 70.1354, 0.2534,
0.3047

Harmonies

Analogous

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



21.9109, 0.3442, 0.3224



21.9109, 0.3549, 0.3409



21.9109, 0.3538, 0.3571

Triad

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



21.9109, 0.3549, 0.3409



21.9109, 0.2997, 0.3538



21.9109, 0.2841, 0.2929

Complementary

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



21.9109, 0.3549, 0.3409



25.5534, 0.2792, 0.3168

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.



21.9109, 0.2731, 0.2996



21.9109, 0.3549, 0.3409



21.9109, 0.2819, 0.3347

Square

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



21.9109, 0.3549, 0.3409



21.9109, 0.3214, 0.3656



21.9109, 0.2723, 0.3147



21.9109, 0.3029, 0.2953

Rectangle

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



21.9109, 0.3549, 0.3409



21.9109, 0.3465, 0.3644



21.9109, 0.2723, 0.3147



21.9109, 0.2794, 0.2941

Sweetspot

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



21.9119, 0.3549, 0.3409



48.6272, 0.3242, 0.3326



20.9637, 0.3232, 0.2848



10.6984, 0.3250, 0.3328



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.9119, 0.3549, 0.3409



35.9209, 0.3665, 0.3436



26.4380, 0.3491, 0.3681



5.9976, 0.3277, 0.3336



6.2265, 0.6129, 0.3515



0.1115, 0.5462, 0.4045

Inverse Universe

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



25.5534, 0.2792, 0.3168



43.4634, 0.2723, 0.3138



20.8878, 0.2770, 0.2865



6.3613, 0.2990, 0.3243



12.8314, 0.2064, 0.2631



0.1981, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 21.9109, 0.3549, 0.3409 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 21.9109, 0.3549, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

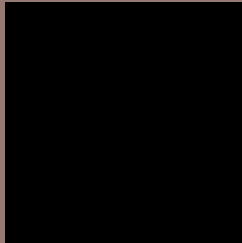
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9109, 0.3549, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 21.9109, 0.3549, 0.3409.



This preview shows how white text looks on a background with the Yxy color 21.9109, 0.3549, 0.3409.

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

21.9109, 0.3549, 0.3409

Protanopia

22.1008, 0.3297, 0.3468

Deuteranopia

21.7872, 0.3495, 0.3428



Tritanopia

21.9619, 0.3408, 0.3143

Trichromacy



Original Color

21.9109, 0.3549, 0.3409

Protanomaly

22.0622, 0.3387, 0.3448

Deuteranomaly

21.8793, 0.3508, 0.3427

Tritanomaly

21.9790, 0.3454, 0.3241

Monochromacy



Original Color

21.9109, 0.3549, 0.3409

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9778, 0.3269, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9109, 0.3549, 0.3409 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(150, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(150, 123, 116)  
}
```

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(150, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 123, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.9109, 0.3549, 0.3409 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(150, 123, 116) }
```

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

```
.border{ border-color:rgb(150, 123, 116) }
```

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

Here you see how a box with a 4 pixel rgb(150, 123, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(150, 123,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9109, 0.3549, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 123, 116) }
```

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

```
.background{ background-color: rgb(150,  
123, 116) }
```

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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