

Converting Colors

$Y_{xy}(21.2834, 0.3500, 0.3384)$

Have a look what the booklet for
Yxy(21.2834, 0.3500, 0.3384)
contains.

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Color

Yxy(21.2910, 0.3502, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	927A74
RGB	146, 122, 116
RGB Percent	57%, 48%, 45%
CMY	0.4274, 0.5216, 0.5451
CMYK	0.00, 0.16, 0.21, 0.43
HSL	12°, 12%, 51%
HSV	12°, 21%, 57%
XYZ	21.9685, 21.2910, 19.4718
YIQ	128.4920, 16.2300, 3.2220

Conversions

Conversions Part 2

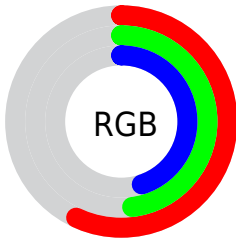
Format	Color
R _Y B	146, 124, 116
Decimal	9599604
CIE Lab	53.27, 8.29, 6.75
CIE LCh	53, 10.684, 39.148
Yxy	21.2910, 0.3502, 0.3394
Android (android.graphics.Color)	4287789684 (0xFF927A74)
YUV	128.4920, -6.1586, 15.3545
Hunter-Lab	46.1422, 4.2359, 7.2794

Details

The Yxy color **21.2910, 0.3502, 0.3394** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5499, 0.2823, 0.3183**, and the grayscale version is **21.7849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3786, 0.3415, 0.3367**, and **7.6153, 0.3657, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **18.2800, 0.3742, 0.3448**, and if you desaturate by 10%, it is **24.7023, 0.3302, 0.3342**.

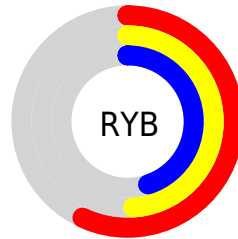
Distribution



Red (57%)

Green (48%)

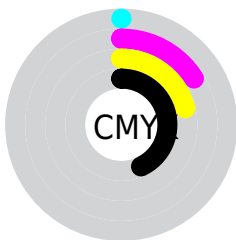
Blue (45%)



Red (57%)

Yellow (49%)

Blue (45%)

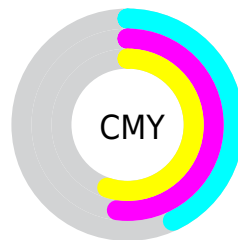


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (43%)



Cyan (43%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2910, 0.3502, 0.3394 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 21.2910, 0.3502, 0.3394 by changing the saturation by 10% instead.


 21.2910, 0.3502,
0.3394

 21.2910, 0.3502,
0.3394


258.8210, 0.3289,
0.3338


 13.3369, 0.3566,
0.3409


 45.5713, 0.3417,
0.3373

 7.6609, 0.3657,
0.3430


 62.6663, 0.3388,
0.3365

 3.8788, 0.3794,
0.3458

 83.5771, 0.3364,
0.3358

 1.6060, 0.4025,
0.3499

108.6880, 0.3344,
0.3353

 0.3616, 0.6016,
0.3984

138.3835, 0.3327,
0.3348

 0.0000, 0.0000,
0.0000

173.0478, 0.3312,

0.3344

213.0655, 0.3300,
0.3341

■ 21.2910, 0.3502,
0.3394

■ 21.2910, 0.3502,
0.3394

■ 18.2800, 0.3742,
0.3448

■ 24.7023, 0.3302,
0.3342

■ 15.6516, 0.4027,
0.3502

■ 28.5249, 0.3136,
0.3293

■ 13.3914, 0.4359,
0.3551

■ 32.7729, 0.2997,
0.3247

■ 11.4826, 0.4734,
0.3589

■ 37.4590, 0.2882,
0.3206

■ 9.9073, 0.5135,
0.3607

■ 42.5953, 0.2786,
0.3168

■ 8.6459, 0.5533,
0.3598

■ 48.1933, 0.2704,
0.3134

■ 7.6765, 0.5881,
0.3554

■ 54.2644, 0.2635,
0.3103

■ 7.0015, 0.6149,
0.3500

■ 60.8193, 0.2576,
0.3075

■ 67.8684, 0.2526,
0.3050

Harmonies

Analogous

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



21.2910, 0.3405, 0.3228



21.2910, 0.3502, 0.3394



21.2910, 0.3494, 0.3540

Triad

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



21.2910, 0.3502, 0.3394



21.2910, 0.3015, 0.3513



21.2910, 0.2868, 0.2967

Complementary

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



21.2910, 0.3502, 0.3394



24.5499, 0.2823, 0.3183

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.



21.2910, 0.2772, 0.3030



21.2910, 0.3502, 0.3394



21.2910, 0.2854, 0.3345

Square

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



21.2910, 0.3502, 0.3394



21.2910, 0.3210, 0.3617



21.2910, 0.2767, 0.3167



21.2910, 0.3036, 0.2987

Rectangle

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



21.2910, 0.3502, 0.3394



21.2910, 0.3432, 0.3605



21.2910, 0.2767, 0.3167



21.2910, 0.2827, 0.2979

Sweetspot

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



21.2920, 0.3502, 0.3394



46.4680, 0.3224, 0.3319



20.5106, 0.3215, 0.2883



10.2544, 0.3234, 0.3322



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.



21.2920, 0.3502, 0.3394



34.8388, 0.3615, 0.3421



25.1270, 0.3456, 0.3635



5.9921, 0.3278, 0.3335



6.1862, 0.6141, 0.3506



0.1101, 0.5482, 0.4029

Inverse Universe

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



24.5499, 0.2823, 0.3183



41.7175, 0.2753, 0.3155



20.5829, 0.2807, 0.2919



6.3673, 0.2990, 0.3245



13.0143, 0.2070, 0.2652



0.1995, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 21.2910, 0.3502, 0.3394 looks on a white background.

Color Contrast Check

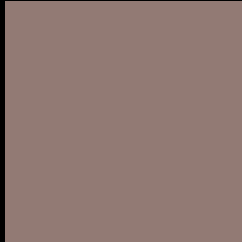
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2910, 0.3502, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

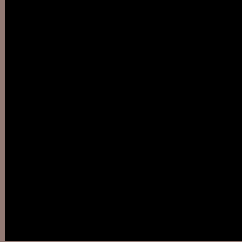
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2910, 0.3502, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 21.2910, 0.3502, 0.3394.



This preview shows how white text looks on a background with the Yxy color 21.2910, 0.3502, 0.3394.

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

21.2910, 0.3502, 0.3394

Protanopia

21.4162, 0.3277, 0.3434

Deuteranopia

21.3562, 0.3473, 0.3412



Tritanopia

21.3138, 0.3372, 0.3140

Trichromacy



Original Color

21.2910, 0.3502, 0.3394

Protanomaly

21.2936, 0.3355, 0.3415

Deuteranomaly

21.4466, 0.3486, 0.3411

Tritanomaly

21.3330, 0.3419, 0.3240

Monochromacy



Original Color

21.2910, 0.3502, 0.3394

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5278, 0.3258, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2910, 0.3502, 0.3394 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 122, 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(146, 122, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 122, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.2910, 0.3502, 0.3394 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, 116) }
```

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

```
.border{ border-color:rgb(146, 122, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 122, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 122, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 122,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2910, 0.3502, 0.3394 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, 116) }
```

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

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