

Converting Colors

$Y_{xy}(21.5520, 0.3131, 0.3054)$

Have a look what the booklet for
Yxy(21.5520, 0.3131, 0.3054)
contains.

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Color

Yxy(21.5686, 0.3127, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	897C8A
RGB	137, 124, 138
RGB Percent	54%, 49%, 54%
CMY	0.4627, 0.5137, 0.4589
CMYK	0.01, 0.10, 0.00, 0.46
HSL	296°, 6%, 51%
HSV	296°, 10%, 54%
XYZ	22.1131, 21.5686, 27.0350
YIQ	129.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

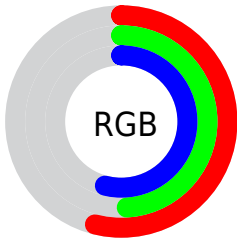
Format	Color
R_{YB}	137, 124, 138
Decimal	9010314
CIE Lab	53.57, 7.67, -5.76
CIE LCh	54, 9.590, 323.065
Yxy	21.5686, 0.3127, 0.3050
Android (android.graphics.Color)	4287200394 (0xFF897C8A)
YUV	129.4830, 4.1989, 6.5924
Hunter-Lab	46.4420, 3.7183, -2.0047

Details

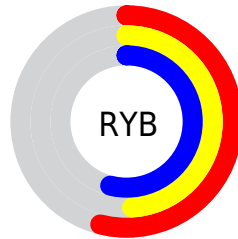
The Yxy color $21.5686, 0.3127, 0.3050$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.9835, 0.3126, 0.3541$, and the grayscale version is $22.1164, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.1530, 0.3127, 0.3113$, and $7.7630, 0.3125, 0.2955$ is the 20% darker color. If you saturate the color by 10%, you get $18.2702, 0.3125, 0.2806$, and if you desaturate by 10%, it is $25.3535, 0.3127, 0.3287$.

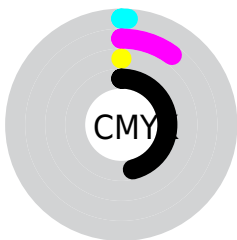
Distribution



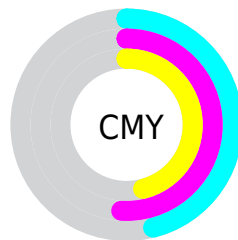
- Red (54%)
- Green (49%)
- Blue (54%)



- Red (54%)
- Yellow (49%)
- Blue (54%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)





- Cyan (46%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5686, 0.3127, 0.3050 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 21.5686, 0.3127, 0.3050 by changing the saturation by 10% instead.


 21.5686, 0.3127,
0.3050


 21.5686, 0.3127,
0.3050


260.2850, 0.3128,
0.3183


 13.5403, 0.3126,
0.3011


 46.0319, 0.3128,
0.3102

 7.8016, 0.3125,
0.2958


 63.2357, 0.3128,
0.3121

 3.9683, 0.3122,
0.2879

 84.2668, 0.3128,
0.3136

 1.6558, 0.3116,
0.2752

109.5095, 0.3128,
0.3148

 0.3948, 0.3142,
0.2206

139.3483, 0.3128,
0.3159

 0.0000, 0.0000,
0.0000

174.1676, 0.3128,

0.3168

214.3517, 0.3128,
0.3176

■ 21.5686, 0.3127,
0.3050

■ 21.5686, 0.3127,
0.3050

■ 18.2702, 0.3125,
0.2806

■ 25.3535, 0.3127,
0.3287

■ 15.4355, 0.3122,
0.2561

■ 29.6410, 0.3126,
0.3512

■ 13.0440, 0.3116,
0.2322

■ 34.4498, 0.3124,
0.3724

■ 11.0728, 0.3109,
0.2097

■ 39.7968, 0.3121,
0.3919

■ 9.4967, 0.3099,
0.1897

■ 45.6982, 0.3118,
0.4099

■ 8.2879, 0.3087,
0.1729

■ 52.1696, 0.3115,
0.4263

■ 7.4149, 0.3073,
0.1598

■ 59.2257, 0.3111,
0.4411

■ 6.8411, 0.3058,
0.1509

■ 66.8810, 0.3107,
0.4545

■ 6.4643, 0.3042,
0.1449

■ 75.1492, 0.3104,
0.4667

Harmonies

Analogous

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



21.5686, 0.2959, 0.2999



21.5686, 0.3127, 0.3050



21.5686, 0.3299, 0.3160

Triad

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



21.5686, 0.3127, 0.3050



21.5686, 0.3420, 0.3557



21.5686, 0.2837, 0.3264

Complementary

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



21.5686, 0.3127, 0.3050



23.9835, 0.3126, 0.3541

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.



21.5686, 0.2954, 0.3424



21.5686, 0.3127, 0.3050



21.5686, 0.3291, 0.3596

Square

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



21.5686, 0.3127, 0.3050



21.5686, 0.3471, 0.3449



21.5686, 0.3120, 0.3548



21.5686, 0.2795, 0.3117

Rectangle

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



21.5686, 0.3127, 0.3050



21.5686, 0.3391, 0.3254



21.5686, 0.3120, 0.3548



21.5686, 0.2869, 0.3319

Sweetspot

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



21.5695, 0.3127, 0.3050



42.6580, 0.3127, 0.3219



20.8280, 0.2975, 0.3060



9.4542, 0.3127, 0.3201



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



21.5695, 0.3127, 0.3050



36.7263, 0.3127, 0.2999



21.4867, 0.3204, 0.3149



5.1118, 0.3127, 0.3074



5.9311, 0.3042, 0.1450



0.0418, 0.3131, 0.1498

Inverse Universe

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



21.2960, 0.3287, 0.3274



36.1528, 0.3325, 0.3270



24.0635, 0.3057, 0.3435



5.0538, 0.3270, 0.3275



4.9740, 0.6295, 0.3241



0.0337, 0.5845, 0.2993

Previews

White Background



This preview shows how the Yxy color 21.5686, 0.3127, 0.3050 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 21.5686, 0.3127, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

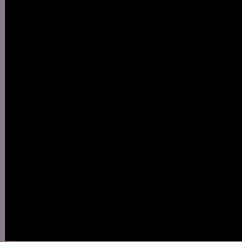
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5686, 0.3127, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 21.5686, 0.3127, 0.3050.



This preview shows how white text looks on a background with the Yxy color 21.5686, 0.3127, 0.3050.

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

21.5686, 0.3127, 0.3050

Protanopia

21.5842, 0.2988, 0.3060

Deuteranopia

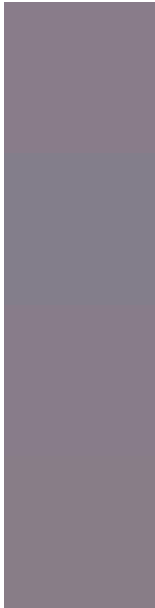
21.4845, 0.3115, 0.3049



Tritanopia

21.6227, 0.3158, 0.3134

Trichromacy



Original Color

21.5686, 0.3127, 0.3050

Protanomaly

21.6111, 0.3044, 0.3063

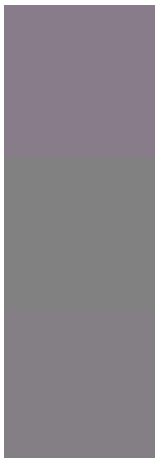
Deuteranomaly

21.4845, 0.3115, 0.3049

Tritanomaly

21.6507, 0.3147, 0.3117

Monochromacy



Original Color

21.5686, 0.3127, 0.3050

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.7502, 0.3131, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5686, 0.3127, 0.3050 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(137, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 124, 138)  
}
```

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(137, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 124, 138) }
```

Border

The CSS property to change the border of an element to Yxy 21.5686, 0.3127, 0.3050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

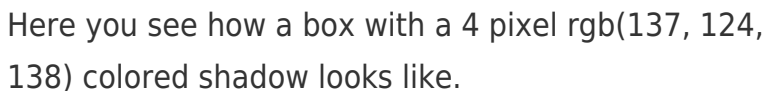
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 124, 138) }
```

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

```
.border{ border-color:rgb(137, 124, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 124, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 124, 138); box-shadow:4px 4px 4px 4px rgb(137, 124, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5686, 0.3127, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 124, 138) }
```

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

```
.background{ background-color: rgb(137,  
124, 138) }
```

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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