

Converting Colors

$Y_{xy}(21.5531, 0.3001, 0.2973)$

Have a look what the booklet for
Yxy(21.5531, 0.3001, 0.2973)
contains.

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Color

Yxy(21.4757, 0.3002, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	837D8F
RGB	131, 125, 143
RGB Percent	51%, 49%, 56%
CMY	0.4864, 0.5098, 0.4392
CMYK	0.08, 0.13, 0.00, 0.44
HSL	260°, 7%, 53%
HSV	260°, 13%, 56%
XYZ	21.6488, 21.4757, 28.9900
YIQ	128.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

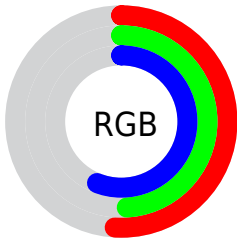
Format	Color
R_{YB}	131, 125, 143
Decimal	8617359
CIE _{Lab}	53.47, 5.93, -8.90
CIE _{LCh}	53, 10.690, 303.685
Yxy	21.4757, 0.3002, 0.2978
Android (android.graphics.Color)	4286807439 (0xFF837D8F)
YUV	128.8460, 6.9779, 1.8891
Hunter-Lab	46.3419, 2.2886, -4.6507

Details

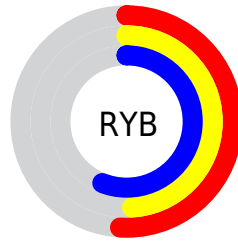
The Yxy color $21.4757, 0.3002, 0.2978$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.4466, 0.3242, 0.3596$, and the grayscale version is $21.8715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.0624, 0.3028, 0.3048$, and $7.7530, 0.2954, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $17.3845, 0.2886, 0.2704$, and if you desaturate by 10%, it is $26.1604, 0.3103, 0.3229$.

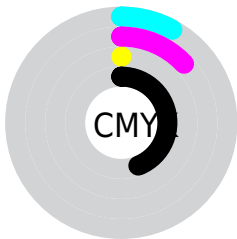
Distribution



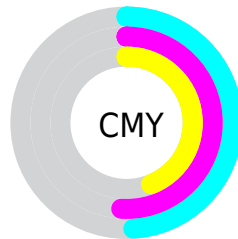
- Red (51%)
- Green (49%)
- Blue (56%)



- Red (51%)
- Yellow (49%)
- Blue (56%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4757, 0.3002, 0.2978 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 21.4757, 0.3002, 0.2978 by changing the saturation by 10% instead.

■ 21.4757, 0.3002,
0.2978

■ 21.4757, 0.3002,
0.2978

■ 259.7959, 0.3073,
0.3151

■ 13.4722, 0.2980,
0.2928

■ 45.8779, 0.3030,
0.3046

■ 7.7545, 0.2950,
0.2859

■ 63.0454, 0.3040,
0.3070

■ 3.9382, 0.2904,
0.2757

■ 84.0362, 0.3048,
0.3089

■ 1.6391, 0.2826,
0.2593

■ 109.2349, 0.3055,
0.3106

■ 0.3837, 0.2633,
0.1983

■ 139.0259, 0.3061,
0.3120

■ 0.0000, 0.0000,
0.0000

173.7934, 0.3066,

0.3132

213.9219, 0.3070,
0.3142

■ 21.4757, 0.3002,
0.2978

■ 21.4757, 0.3002,
0.2978

■ 17.3845, 0.2886,
0.2704

■ 26.1604, 0.3103,
0.3229

■ 13.8599, 0.2754,
0.2409

■ 31.4586, 0.3191,
0.3456

■ 10.8773, 0.2608,
0.2102

■ 37.3926, 0.3265,
0.3658

■ 8.4088, 0.2452,
0.1792

■ 43.9828, 0.3328,
0.3838

■ 6.4241, 0.2290,
0.1495

■ 51.2488, 0.3382,
0.3998

■ 4.8896, 0.2129,
0.1227

■ 59.2091, 0.3427,
0.4139

■ 3.7673, 0.1979,
0.1004

■ 67.8817, 0.3465,
0.4263

■ 3.0125, 0.1847,
0.0840

■ 77.2839, 0.3497,
0.4373

■ 2.5978, 0.1762,
0.0744

■ 87.4324, 0.3524,
0.4470

Harmonies

Analogous

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



21.4757, 0.2845, 0.2973



21.4757, 0.3002, 0.2978



21.4757, 0.3197, 0.3060

Triad

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



21.4757, 0.3002, 0.2978



21.4757, 0.3503, 0.3516



21.4757, 0.2880, 0.3378

Complementary

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



21.4757, 0.3002, 0.2978



26.4466, 0.3242, 0.3596

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.



21.4757, 0.3050, 0.3538



21.4757, 0.3002, 0.2978



21.4757, 0.3411, 0.3614

Square

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



21.4757, 0.3002, 0.2978



21.4757, 0.3491, 0.3364



21.4757, 0.3244, 0.3625



21.4757, 0.2777, 0.3198

Rectangle

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



21.4757, 0.3002, 0.2978



21.4757, 0.3322, 0.3148



21.4757, 0.3244, 0.3625



21.4757, 0.2931, 0.3437

Sweetspot

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



21.4766, 0.3002, 0.2978



45.5180, 0.3089, 0.3193



24.3214, 0.2939, 0.3191



10.2991, 0.3082, 0.3176



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.



21.4766, 0.3002, 0.2978



36.3519, 0.2972, 0.2905



22.2026, 0.3103, 0.2988



5.3365, 0.3038, 0.3066



2.3075, 0.1766, 0.0747



0.0331, 0.2239, 0.1007

Inverse Universe

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



22.3166, 0.3208, 0.3088



38.1592, 0.3228, 0.3043



25.7387, 0.3147, 0.3605



5.4810, 0.3184, 0.3144



5.9070, 0.4235, 0.2107



0.0606, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 21.4757, 0.3002, 0.2978 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 21.4757, 0.3002, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

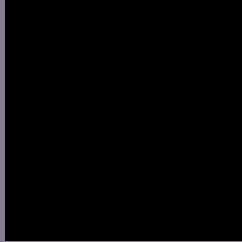
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

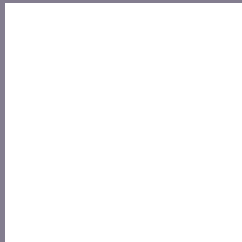
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.4757, 0.3002, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 21.4757, 0.3002, 0.2978.



This preview shows how white text looks on a background with the Yxy color 21.4757, 0.3002, 0.2978.

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

21.4757, 0.3002, 0.2978

Protanopia

21.5523, 0.2925, 0.2991

Deuteranopia

21.3850, 0.3025, 0.2962



Tritanopia

21.4451, 0.3065, 0.3114

Trichromacy



Original Color

21.4757, 0.3002, 0.2978

Protanomaly

21.4474, 0.2947, 0.2975

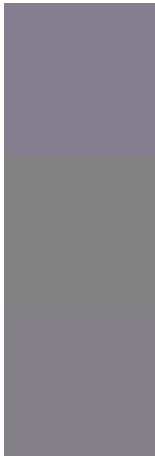
Deuteranomaly

21.3040, 0.3014, 0.2961

Tritanomaly

21.5316, 0.3033, 0.3062

Monochromacy



Original Color

21.4757, 0.3002, 0.2978

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.9054, 0.3086, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4757, 0.3002, 0.2978 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(131, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(131, 125, 143)  
}
```

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(131, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 125, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.4757, 0.3002, 0.2978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

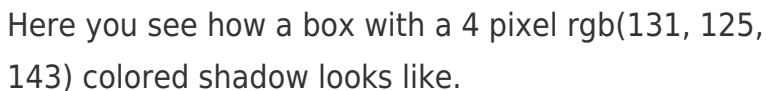
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 125, 143) }
```

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

```
.border{ border-color:rgb(131, 125, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 125, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 125, 143); box-shadow:4px 4px 4px 4px rgb(131, 125, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4757, 0.3002, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 125, 143) }
```

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

```
.background{ background-color: rgb(131,  
125, 143) }
```

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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