

Converting Colors

$Y_{xy}(21.2932, 0.3089, 0.2898)$

Have a look what the booklet for
Yxy(21.2932, 0.3089, 0.2898)
contains.

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Color

Yxy(21.2638, 0.3097, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	8C7990
RGB	140, 121, 144
RGB Percent	55%, 47%, 56%
CMY	0.4511, 0.5255, 0.4352
CMYK	0.03, 0.16, 0.00, 0.44
HSL	289°, 9%, 52%
HSV	289°, 16%, 56%
XYZ	22.6848, 21.2638, 29.2991
YIQ	129.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

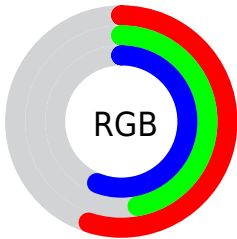
Format	Color
R _Y B	140, 121, 144
Decimal	9206160
CIE Lab	53.24, 11.71, -9.75
CIE LCh	53, 15.237, 320.236
Yxy	21.2638, 0.3097, 0.2903
Android (android.graphics.Color)	4287396240 (0xFF8C7990)
YUV	129.3030, 7.2456, 9.3813
Hunter-Lab	46.1127, 7.1146, -5.3928

Details

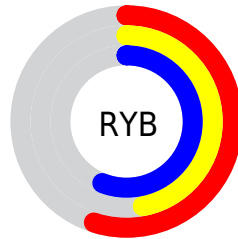
The Yxy color **21.2638, 0.3097, 0.2903** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6942, 0.3150, 0.3698**, and the grayscale version is **22.0378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4337, 0.3107, 0.2979**, and **7.6165, 0.3079, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **17.8048, 0.3073, 0.2650**, and if you desaturate by 10%, it is **25.2522, 0.3117, 0.3149**.

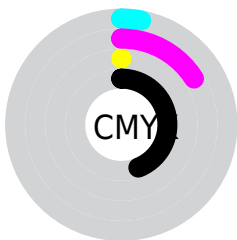
Distribution



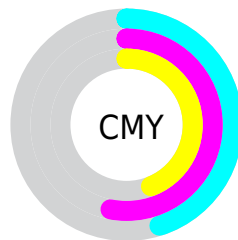
- Red (55%)
- Green (47%)
- Blue (56%)



- Red (55%)
- Yellow (47%)
- Blue (56%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2638, 0.3097, 0.2903 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 21.2638, 0.3097, 0.2903 by changing the saturation by 10% instead.


 21.2638, 0.3097,
0.2903


 21.2638, 0.3097,
0.2903


258.6771, 0.3116,
0.3116


 13.3170, 0.3090,
0.2842


 45.5262, 0.3105,
0.2986

 7.6472, 0.3080,
0.2758


 62.6105, 0.3108,
0.3015

 3.8700, 0.3064,
0.2637

 83.5094, 0.3110,
0.3040

 1.6011, 0.3033,
0.2444

108.6074, 0.3112,
0.3060

 0.3584, 0.3041,
0.1739

138.2887, 0.3113,
0.3077

 0.0000, 0.0000,
0.0000

172.9379, 0.3114,

0.3092

212.9392, 0.3115,
0.3105

■ 21.2638, 0.3097,
0.2903

■ 21.2638, 0.3097,
0.2903

■ 17.8048, 0.3073,
0.2650

■ 25.2522, 0.3117,
0.3149

■ 14.8494, 0.3043,
0.2396

■ 29.7890, 0.3133,
0.3382

■ 12.3736, 0.3010,
0.2150

■ 34.8955, 0.3146,
0.3601

■ 10.3505, 0.2972,
0.1920

■ 40.5912, 0.3155,
0.3804

■ 8.7505, 0.2930,
0.1716

■ 46.8944, 0.3162,
0.3989

7.5403, 0.2886,
0.1548

53.8229, 0.3167,
0.4158

6.6817, 0.2841,
0.1421

61.3937, 0.3170,
0.4311

6.1177, 0.2796,
0.1335

69.6229, 0.3172,
0.4450

5.9197, 0.2778,
0.1304

78.5264, 0.3172,
0.4575

Harmonies

Analogous

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



21.2638, 0.2837, 0.2832



21.2638, 0.3097, 0.2903



21.2638, 0.3376, 0.3065

Triad

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



21.2638, 0.3097, 0.2903



21.2638, 0.3609, 0.3700



21.2638, 0.2681, 0.3268

Complementary

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



21.2638, 0.3097, 0.2903



25.6942, 0.3150, 0.3698

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.



21.2638, 0.2873, 0.3529



21.2638, 0.3097, 0.2903



21.2638, 0.3408, 0.3783

Square

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



21.2638, 0.3097, 0.2903



21.2638, 0.3678, 0.3514



21.2638, 0.3138, 0.3723



21.2638, 0.2605, 0.3028

Rectangle

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



21.2638, 0.3097, 0.2903



21.2638, 0.3532, 0.3208



21.2638, 0.3138, 0.3723



21.2638, 0.2734, 0.3357

Sweetspot

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



21.2647, 0.3097, 0.2903



45.1882, 0.3119, 0.3170



20.8042, 0.2880, 0.2954



10.2534, 0.3118, 0.3155



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.



21.2647, 0.3097, 0.2903



35.3119, 0.3089, 0.2817



21.4057, 0.3229, 0.3026



5.4639, 0.3111, 0.3071



5.1630, 0.2780, 0.1305



0.0575, 0.3001, 0.1427

Inverse Universe

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



21.0891, 0.3368, 0.3222



34.9545, 0.3431, 0.3206



25.5822, 0.3038, 0.3569



5.4386, 0.3256, 0.3252



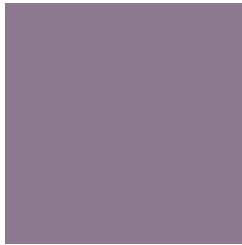
5.2280, 0.6085, 0.3126



0.0523, 0.5192, 0.2634

Previews

White Background



This preview shows how the Yxy color 21.2638, 0.3097, 0.2903 looks on a white background.

Color Contrast Check

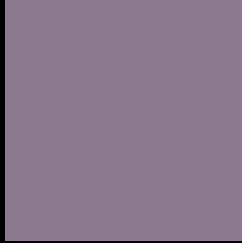
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2638, 0.3097, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

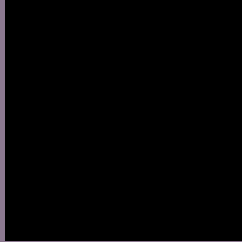
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2638, 0.3097, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 21.2638, 0.3097, 0.2903.



This preview shows how white text looks on a background with the Yxy color 21.2638, 0.3097, 0.2903.

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

21.2638, 0.3097, 0.2903

Protanopia

21.2392, 0.2873, 0.2920

Deuteranopia

21.3040, 0.3014, 0.2961



Tritanopia

21.2626, 0.3196, 0.3117

Trichromacy



Original Color

21.2638, 0.3097, 0.2903

Protanomaly

21.1578, 0.2948, 0.2908

Deuteranomaly

21.3000, 0.3049, 0.2947

Tritanomaly

21.2142, 0.3163, 0.3034

Monochromacy



Original Color

21.2638, 0.3097, 0.2903

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.6295, 0.3122, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2638, 0.3097, 0.2903 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(140, 121, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 121, 144)  
}
```

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(140, 121, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 121, 144) }
```

Border

The CSS property to change the border of an element to Yxy 21.2638, 0.3097, 0.2903 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(140, 121, 144) }
```

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

```
.border{ border-color:rgb(140, 121, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 121, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 121, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 121, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 121,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2638, 0.3097, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 121, 144) }
```

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

```
.background{ background-color: rgb(140,  
121, 144) }
```

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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