

Converting Colors

$Y_{xy}(24.3870, 0.2948, 0.3237)$

Have a look what the booklet for
Yxy(24.3870, 0.2948, 0.3237)
contains.

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Color

Yxy(24.3851, 0.2948, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	7C8A8D
RGB	124, 138, 141
RGB Percent	49%, 54%, 55%
CMY	0.5138, 0.4588, 0.4470
CMYK	0.12, 0.02, 0.00, 0.45
HSL	191°, 7%, 52%
HSV	191°, 12%, 55%
XYZ	22.2080, 24.3851, 28.7393
YIQ	134.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

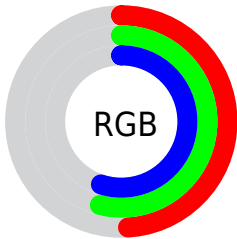
Format	Color
RYB	124, 132, 141
Decimal	8161933
CIELab	56.47, -4.42, -3.34
CIELCh	56, 5.539, 217.114
Yxy	24.3851, 0.2948, 0.3237
Android (android.graphics.Color)	4286352013 (0xFF7C8A8D)
YUV	134.1560, 3.3741, -8.9068
Hunter-Lab	49.3813, -6.1413, 0.0608

Details

The Yxy color $24.3851, 0.2948, 0.3237$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.2971, 0.3330, 0.3342$, and the grayscale version is $23.8906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5488, 0.2986, 0.3238$, and $9.2306, 0.2880, 0.3210$ is the 20% darker color. If you saturate the color by 10%, you get $22.7030, 0.2804, 0.3189$, and if you desaturate by 10%, it is $26.2359, 0.3096, 0.3281$.

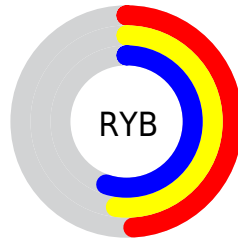
Distribution



Red (49%)

Green (54%)

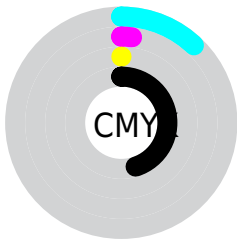
Blue (55%)



Red (49%)

Yellow (52%)

Blue (55%)

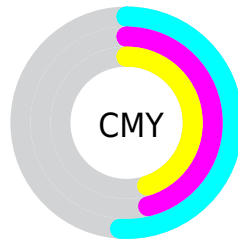


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (45%)



Cyan (51%)


Magenta (46%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3851, 0.2948, 0.3237 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 24.3851, 0.2948, 0.3237 by changing the saturation by 10% instead.


 24.3851, 0.2948,
0.3237


 24.3851, 0.2948,
0.3237


274.7617, 0.3047,
0.3267


 15.6195, 0.2920,
0.3228


 50.6579, 0.2986,
0.3249

 9.2553, 0.2881,
0.3216


 68.9339, 0.3000,
0.3253

 4.9081, 0.2824,
0.3197

 91.1489, 0.3011,
0.3256

 2.1934, 0.2733,
0.3166

117.6872, 0.3021,
0.3259

 0.7164, 0.2487,
0.3109

148.9332, 0.3029,
0.3262

 0.0000, 0.0000,
0.0000

185.2714, 0.3036,

0.3264

227.0861, 0.3042,
0.3265

■ 24.3851, 0.2948,
0.3237

■ 24.3851, 0.2948,
0.3237

■ 22.7030, 0.2804,
0.3189

■ 26.2359, 0.3096,
0.3281

■ 21.1800, 0.2666,
0.3137

■ 28.2584, 0.3246,
0.3322

■ 19.8104, 0.2538,
0.3081

■ 30.4593, 0.3395,
0.3358

■ 18.5865, 0.2422,
0.3023

■ 32.8442, 0.3541,
0.3390

■ 17.5003, 0.2320,
0.2963

■ 35.4182, 0.3683,
0.3418

■ 16.5428, 0.2236,
0.2901

■ 38.1863, 0.3821,
0.3443

■ 15.7036, 0.2170,
0.2839

■ 41.1534, 0.3952,
0.3465

■ 14.9708, 0.2122,
0.2778

■ 44.3241, 0.4078,
0.3484

■ 14.4375, 0.2091,
0.2729

■ 47.7029, 0.4197,
0.3500

Harmonies

Analogous

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



24.3851, 0.2996, 0.3324



24.3851, 0.2948, 0.3237



24.3851, 0.2947, 0.3166

Triad

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



24.3851, 0.2948, 0.3237



24.3851, 0.3174, 0.3181



24.3851, 0.3261, 0.3454

Complementary

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



24.3851, 0.2948, 0.3237



22.2971, 0.3330, 0.3342

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.



24.3851, 0.3310, 0.3412



24.3851, 0.2948, 0.3237



24.3851, 0.3260, 0.3255

Square

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



24.3851, 0.2948, 0.3237



24.3851, 0.3076, 0.3135



24.3851, 0.3310, 0.3339



24.3851, 0.3176, 0.3451

Rectangle

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



24.3851, 0.2948, 0.3237



24.3851, 0.2974, 0.3137



24.3851, 0.3310, 0.3339



24.3851, 0.3282, 0.3444

Sweetspot

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



24.3861, 0.2948, 0.3237



46.2839, 0.3066, 0.3273



24.8652, 0.3085, 0.3542



10.2859, 0.3056, 0.3270



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.3861, 0.2948, 0.3237



42.9665, 0.2915, 0.3227



22.0843, 0.2945, 0.3089



5.9565, 0.2990, 0.3250



13.1827, 0.2092, 0.2731



0.1535, 0.2174, 0.3026

Inverse Universe

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



21.9122, 0.3174, 0.3053



37.8163, 0.3184, 0.3008



24.5411, 0.3312, 0.3483



5.4949, 0.3162, 0.3111



6.3171, 0.3699, 0.1811



0.0632, 0.3431, 0.1664

Previews

White Background



This preview shows how the Yxy color 24.3851, 0.2948, 0.3237 looks on a white background.

Color Contrast Check

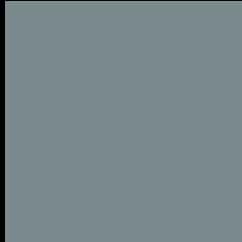
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3851, 0.2948, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

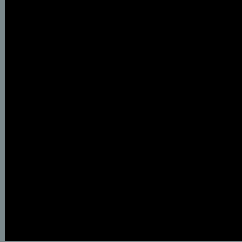
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

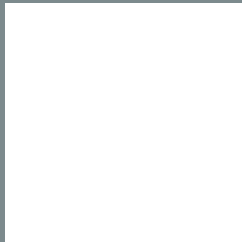
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.3851, 0.2948, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 24.3851, 0.2948, 0.3237.



This preview shows how white text looks on a background with the Yxy color 24.3851, 0.2948, 0.3237.

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

24.3851, 0.2948, 0.3237

Protanopia

24.2326, 0.3109, 0.3205

Deuteranopia

24.2053, 0.3170, 0.3109



Tritanopia

24.3894, 0.2892, 0.3100

Trichromacy



Original Color

24.3851, 0.2948, 0.3237

Protanomaly

24.1269, 0.3043, 0.3204

Deuteranomaly

24.3216, 0.3078, 0.3155

Tritanomaly

24.2956, 0.2920, 0.3151

Monochromacy



Original Color

24.3851, 0.2948, 0.3237

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.8799, 0.3051, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3851, 0.2948, 0.3237 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(124, 138, 141)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 141)  
}
```

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(124, 138, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 141) }
```

Border

The CSS property to change the border of an element to Yxy 24.3851, 0.2948, 0.3237 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(124, 138, 141) }
```

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

```
.border{ border-color:rgb(124, 138, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 141);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3851, 0.2948, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 141) }
```

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

```
.background{ background-color: rgb(124,  
138, 141) }
```

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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