

Converting Colors

$Yxy(37.7849, 0.2846, 0.3012)$

Have a look what the booklet for
Yxy(37.7849, 0.2846, 0.3012)
contains.

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Color

Yxy(37.9549, 0.2850, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	99A7BA
RGB	153, 167, 186
RGB Percent	60%, 65%, 73%
CMY	0.4001, 0.3451, 0.2705
CMYK	0.18, 0.10, 0.00, 0.27
HSL	215°, 19%, 66%
HSV	215°, 18%, 73%
XYZ	35.8184, 37.9549, 51.9052
YIQ	164.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

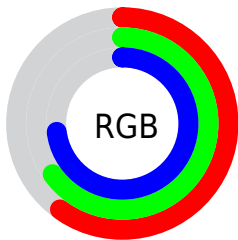
Format	Color
R _Y B	153, 163, 186
Decimal	10069946
CIE Lab	67.99, -0.86, -11.43
CIE LCh	68, 11.462, 265.695
Yxy	37.9549, 0.2850, 0.3020
Android (android.graphics.Color)	4288260026 (0xFF99A7BA)
YUV	164.9800, 10.3629, -10.5065
Hunter-Lab	61.6075, -4.0341, -6.8274

Details

The Yxy color **37.9549, 0.2850, 0.3020** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2489, 0.3421, 0.3546**, and the grayscale version is **37.5716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0633, 0.2906, 0.3072**, and **16.7797, 0.2769, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **32.5225, 0.2685, 0.2844**, and if you desaturate by 10%, it is **43.9976, 0.3009, 0.3179**.

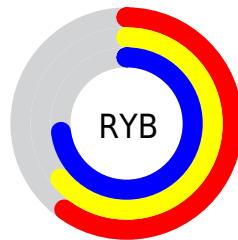
Distribution



Red (60%)

Green (65%)

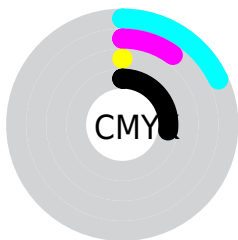
Blue (73%)



Red (60%)

Yellow (64%)

Blue (73%)

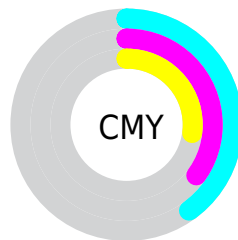


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9549, 0.2850, 0.3020 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 37.9549, 0.2850, 0.3020 by changing the saturation by 10% instead.

■ 37.9549, 0.2850,
0.3020

■ 37.9549, 0.2850,
0.3020

■ 337.4265, 0.2992,
0.3159

■ 25.9477, 0.2813,
0.2984

■ 72.0390, 0.2903,
0.3072

■ 16.7845, 0.2765,
0.2937

■ 94.8847, 0.2922,
0.3091

■ 10.0810, 0.2700,
0.2873

■ 122.1120, 0.2939,
0.3107

■ 5.4527, 0.2607,
0.2780

■ 154.1053, 0.2953,
0.3120

■ 2.5152, 0.2463,
0.2637

■ 191.2490, 0.2965,
0.3132

■ 0.8843, 0.2211,
0.2386

■ 233.9275, 0.2975,

■ 0.0000, 0.0000,

0.3142

0.0000

282.5252, 0.2984,
0.3151

■ 37.9549, 0.2850,
0.3020

■ 37.9549, 0.2850,
0.3020

■ 32.5225, 0.2685,
0.2844

■ 43.9976, 0.3009,
0.3179

■ 27.6748, 0.2516,
0.2652

■ 50.6656, 0.3160,
0.3320

■ 23.3912, 0.2348,
0.2445

■ 57.9794, 0.3302,
0.3446

■ 19.6479, 0.2187,
0.2228

■ 65.9567, 0.3433,
0.3556

■ 16.4190, 0.2038,
0.2006

■ 74.6149, 0.3555,
0.3653

■ 13.6761, 0.1908,
0.1785

■ 82.1037, 0.3596,
0.3749

■ 11.3869, 0.1801,
0.1573

■ 88.2922, 0.3569,
0.3850

■ 9.5073, 0.1721,
0.1377

■ 94.8539, 0.3543,
0.3948

■ 9.1283, 0.1704,
0.1335

■ 96.3262, 0.3538,
0.3969

Harmonies

Analogous

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



37.9549, 0.2799, 0.3108



37.9549, 0.2850, 0.3020



37.9549, 0.2974, 0.3004

Triad

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



37.9549, 0.2850, 0.3020



37.9549, 0.3430, 0.3317



37.9549, 0.3105, 0.3537

Complementary

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



37.9549, 0.2850, 0.3020



42.2489, 0.3421, 0.3546

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.



37.9549, 0.3275, 0.3592



37.9549, 0.2850, 0.3020



37.9549, 0.3467, 0.3459

Square

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



37.9549, 0.2850, 0.3020



37.9549, 0.3310, 0.3173



37.9549, 0.3409, 0.3561



37.9549, 0.2943, 0.3410

Rectangle

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



37.9549, 0.2850, 0.3020



37.9549, 0.3084, 0.3034



37.9549, 0.3409, 0.3561



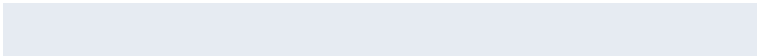
37.9549, 0.3163, 0.3565

Sweetspot

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



37.9565, 0.2850, 0.3020



82.8470, 0.3051, 0.3218



44.8662, 0.2966, 0.3491



18.0612, 0.3040, 0.3208



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.9565, 0.2850, 0.3020



65.1212, 0.2791, 0.2959



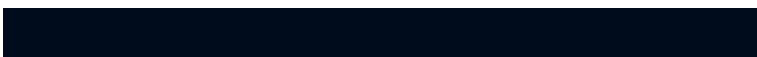
33.3118, 0.2859, 0.2817



9.3291, 0.2985, 0.3155



6.2817, 0.1711, 0.1358



0.3447, 0.1855, 0.1878

Inverse Universe

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



36.0105, 0.3326, 0.3101



61.1502, 0.3375, 0.3061



47.5956, 0.3371, 0.3728



9.0738, 0.3223, 0.3193



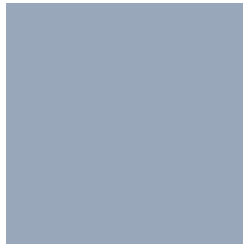
7.4165, 0.5247, 0.2664



0.2739, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 37.9549, 0.2850, 0.3020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 37.9549, 0.2850, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

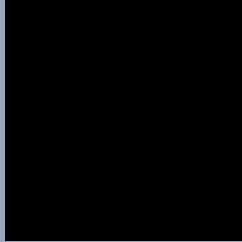
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

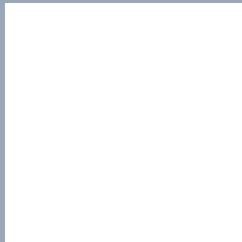
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9549, 0.2850, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 37.9549, 0.2850, 0.3020.



This preview shows how white text looks on a background with the Yxy color 37.9549, 0.2850, 0.3020.

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

37.9549, 0.2850, 0.3020

Protanopia

37.7981, 0.2950, 0.3011

Deuteranopia

37.7355, 0.2997, 0.2936



Tritanopia

38.0169, 0.2881, 0.3103

Trichromacy



Original Color

37.9549, 0.2850, 0.3020

Protanomaly

37.7840, 0.2908, 0.3009

Deuteranomaly

37.6748, 0.2935, 0.2958

Tritanomaly

38.0996, 0.2866, 0.3075

Monochromacy



Original Color

37.9549, 0.2850, 0.3020

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.8666, 0.3023, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9549, 0.2850, 0.3020 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(153, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 167, 186)  
}
```

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(153, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.9549, 0.2850, 0.3020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

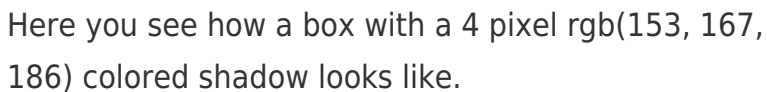
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 167, 186) }
```

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

```
.border{ border-color:rgb(153, 167, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 167,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9549, 0.2850, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 167, 186) }
```

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

```
.background{ background-color: rgb(153,  
167, 186) }
```

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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