

Converting Colors

$Y_{xy}(37.3824, 0.3056, 0.3797)$

Have a look what the booklet for
Yxy(37.3824, 0.3056, 0.3797)
contains.

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Color

Yxy(37.4294, 0.3060, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	88AE8D
RGB	136, 174, 141
RGB Percent	53%, 68%, 55%
CMY	0.4665, 0.3177, 0.4470
CMYK	0.22, 0.00, 0.19, 0.32
HSL	128°, 19%, 61%
HSV	128°, 22%, 68%
XYZ	30.1009, 37.4294, 30.8387
YIQ	158.8760, -12.0550, -18.3190

Conversions

Conversions Part 2

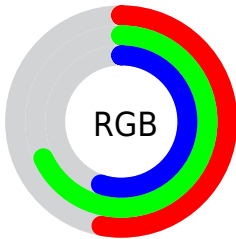
Format	Color
RYB	136, 170, 174
Decimal	8957581
CIELab	67.60, -19.52, 12.79
CIELCh	68, 23.339, 146.767
Yxy	37.4294, 0.3060, 0.3805
Android (android.graphics.Color)	4287147661 (0xFF88AE8D)
YUV	158.8760, -8.8129, -20.0623
Hunter-Lab	61.1796, -19.2406, 12.9395

Details

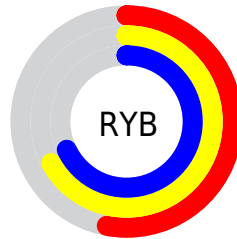
The Yxy color **37.4294, 0.3060, 0.3805** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.4808, 0.3202, 0.2824**, and the grayscale version is **34.6598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4809, 0.3074, 0.3701**, and **16.3614, 0.3025, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **35.6702, 0.3030, 0.4085**, and if you desaturate by 10%, it is **39.4897, 0.3091, 0.3552**.

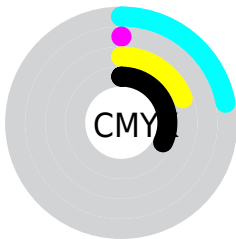
Distribution



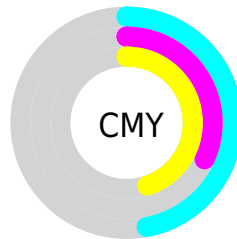
- Red (53%)
- Green (68%)
- Blue (55%)



- Red (53%)
- Yellow (67%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)





- Cyan (47%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4294, 0.3060, 0.3805 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 37.4294, 0.3060, 0.3805 by changing the saturation by 10% instead.


 37.4294, 0.3060,
0.3805


 37.4294, 0.3060,
0.3805


335.1659, 0.3099,
0.3530

 25.5401, 0.3048,
0.3880


 71.2327, 0.3076,
0.3700

 16.4799, 0.3031,
0.3981


 93.9155, 0.3081,
0.3662

 9.8644, 0.3007,
0.4123


 120.9650, 0.3085,
0.3631

 5.3091, 0.2966,
0.4336

152.7655, 0.3089,
0.3604

 2.4298, 0.2889,
0.4693

189.7015, 0.3092,
0.3582

 0.8411, 0.2723,
0.7094

232.1573, 0.3095,

 0.0000, 0.0000,

0.3562

0.0000

280.5173, 0.3097,
0.3545

■ 37.4294, 0.3060,
0.3805

■ 37.4294, 0.3060,
0.3805

■ 35.6702, 0.3030,
0.4085

■ 39.4897, 0.3091,
0.3552

■ 34.1935, 0.3001,
0.4388

■ 41.8594, 0.3122,
0.3328

■ 32.9860, 0.2977,
0.4705

■ 44.5523, 0.3151,
0.3131

■ 32.0312, 0.2960,
0.5021

■ 47.5798, 0.3179,
0.2960

■ 31.3110, 0.2950,
0.5319

■ 50.9529, 0.3204,
0.2813

■ 30.8049, 0.2951,
0.5576

■ 54.6820, 0.3228,
0.2685

■ 30.4885, 0.2961,
0.5777

■ 58.2368, 0.3227,
0.2570

■ 30.3320, 0.2970,
0.5893

■ 58.7509, 0.3164,
0.2498

Harmonies

Analogous

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



37.4294, 0.3409, 0.3920



37.4294, 0.3060, 0.3805



37.4294, 0.2741, 0.3525

Triad

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



37.4294, 0.3060, 0.3805



37.4294, 0.2578, 0.2742



37.4294, 0.3760, 0.3342

Complementary

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



37.4294, 0.3060, 0.3805



29.4808, 0.3202, 0.2824

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.



37.4294, 0.3512, 0.3062



37.4294, 0.3060, 0.3805



37.4294, 0.2824, 0.2726

Square

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



37.4294, 0.3060, 0.3805



37.4294, 0.2474, 0.2901



37.4294, 0.3164, 0.2842



37.4294, 0.3825, 0.3625

Rectangle

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



37.4294, 0.3060, 0.3805



37.4294, 0.2586, 0.3297



37.4294, 0.3164, 0.2842



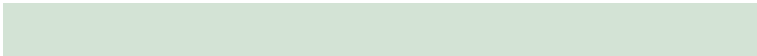
37.4294, 0.3694, 0.3245

Sweetspot

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



37.4310, 0.3060, 0.3805



73.5805, 0.3106, 0.3443



40.5473, 0.3407, 0.3831



16.2992, 0.3104, 0.3456



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.4310, 0.3060, 0.3805



66.3511, 0.3046, 0.3932



38.0264, 0.2917, 0.3511



8.9558, 0.3099, 0.3493



22.0061, 0.2967, 0.5881



0.6174, 0.2854, 0.5474

Inverse Universe

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



29.4808, 0.3202, 0.2824



49.4330, 0.3221, 0.2723



28.8363, 0.3398, 0.3079



8.1297, 0.3157, 0.3095



8.1585, 0.3564, 0.1737



0.2319, 0.3442, 0.1670

Previews

White Background



This preview shows how the Yxy color 37.4294, 0.3060, 0.3805 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 37.4294, 0.3060, 0.3805 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 37.4294, 0.3060, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 37.4294, 0.3060, 0.3805.



This preview shows how white text looks on a background with the Yxy color 37.4294, 0.3060, 0.3805.

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

37.4294, 0.3060, 0.3805

Protanopia

37.2127, 0.3468, 0.3692

Deuteranopia

37.0321, 0.3551, 0.3483



Tritanopia

37.2223, 0.2799, 0.3085

Trichromacy



Original Color

37.4294, 0.3060, 0.3805

Protanomaly

37.3138, 0.3312, 0.3735

Deuteranomaly

36.8589, 0.3353, 0.3595

Tritanomaly

37.1149, 0.2890, 0.3334

Monochromacy



Original Color

37.4294, 0.3060, 0.3805

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.3972, 0.3109, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4294, 0.3060, 0.3805 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(136, 174, 141)` looks like.

```
.text, #text, p{  
    color:rgb(136, 174, 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(136, 174, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 174, 141) }
```

Border

The CSS property to change the border of an element to Yxy 37.4294, 0.3060, 0.3805 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(136, 174, 141) }
```

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

```
.border{ border-color:rgb(136, 174, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 174, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 174, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 174, 141);  
box-shadow:4px 4px 4px 4px rgb(136, 174,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4294, 0.3060, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 174, 141) }
```

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

```
.background{ background-color: rgb(136,  
174, 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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