

Converting Colors

$Y_{xy}(37.0293, 0.3263, 0.3912)$

Have a look what the booklet for
Yxy(37.0293, 0.3263, 0.3912)
contains.

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Color

Yxy(37.1271, 0.3270, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	95AB82
RGB	149, 171, 130
RGB Percent	58%, 67%, 51%
CMY	0.4157, 0.3294, 0.4903
CMYK	0.13, 0.00, 0.24, 0.33
HSL	92°, 20%, 59%
HSV	92°, 24%, 67%
XYZ	30.9866, 37.1271, 26.6466
YIQ	159.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

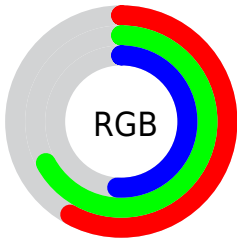
Format	Color
RYB	130, 171, 152
Decimal	9808770
CIELab	67.37, -15.24, 18.65
CIElCh	67, 24.081, 129.259
Yxy	37.1271, 0.3270, 0.3918
Android (android.graphics.Color)	4287998850 (0xFF95AB82)
YUV	159.7480, -14.6658, -9.4260
Hunter-Lab	60.9320, -15.8559, 16.7239

Details

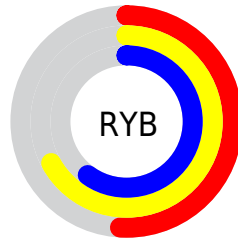
The Yxy color **37.1271, 0.3270, 0.3918** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5756, 0.2951, 0.2669**, and the grayscale version is **35.1012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5081, 0.3244, 0.3789**, and **16.3695, 0.3311, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **35.8781, 0.3324, 0.4210**, and if you desaturate by 10%, it is **38.5236, 0.3212, 0.3642**.

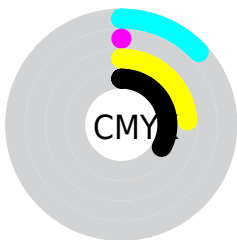
Distribution



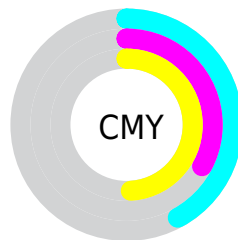
- Red (58%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)





- Cyan (42%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1271, 0.3270, 0.3918 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 37.1271, 0.3270, 0.3918 by changing the saturation by 10% instead.


 37.1271, 0.3270,
0.3918

 37.1271, 0.3270,
0.3918


333.8605, 0.3201,
0.3583


 25.3059, 0.3286,
0.4009


 70.7682, 0.3246,
0.3791

 16.3051, 0.3305,
0.4130


 93.3569, 0.3237,
0.3745

 9.7403, 0.3327,
0.4300


 120.3036, 0.3229,
0.3707

 5.2271, 0.3352,
0.4552

151.9927, 0.3222,
0.3674

 2.3811, 0.3377,
0.4972

188.8085, 0.3216,
0.3646

 0.8162, 0.3310,
0.6690

231.1355, 0.3210,

 0.0000, 0.0000,

0.3622

0.0000

279.3580, 0.3206,
0.3601

■ 37.1271, 0.3270,
0.3918

■ 37.1271, 0.3270,
0.3918

■ 35.8781, 0.3324,
0.4210

■ 38.5236, 0.3212,
0.3642

■ 34.7664, 0.3369,
0.4509

■ 40.0677, 0.3151,
0.3386

■ 33.7880, 0.3402,
0.4806

■ 41.7658, 0.3091,
0.3152

■ 32.9366, 0.3419,
0.5085

■ 43.6224, 0.3033,
0.2941

■ 32.2054, 0.3417,
0.5332

■ 45.6419, 0.2977,
0.2752

■ 31.5870, 0.3394,
0.5532

■ 47.8283, 0.2924,
0.2584

■ 31.0723, 0.3352,
0.5676

■ 50.1857, 0.2874,
0.2434

■ 30.8023, 0.3322,
0.5744

■ 51.9352, 0.2908,
0.2403

■ 53.4261, 0.2980,
0.2422

Harmonies

Analogous

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



37.1271, 0.3604, 0.3917



37.1271, 0.3270, 0.3918



37.1271, 0.2911, 0.3719

Triad

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



37.1271, 0.3270, 0.3918



37.1271, 0.2478, 0.2802



37.1271, 0.3651, 0.3170

Complementary

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



37.1271, 0.3270, 0.3918



25.5756, 0.2951, 0.2669

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.



37.1271, 0.3321, 0.2911



37.1271, 0.3270, 0.3918



37.1271, 0.2649, 0.2699

Square

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



37.1271, 0.3270, 0.3918



37.1271, 0.2467, 0.3046



37.1271, 0.2952, 0.2742



37.1271, 0.3835, 0.3467

Rectangle

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



37.1271, 0.3270, 0.3918



37.1271, 0.2705, 0.3504



37.1271, 0.2952, 0.2742



37.1271, 0.3552, 0.3076

Sweetspot

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



37.1287, 0.3270, 0.3918



70.8591, 0.3170, 0.3464



32.6813, 0.3541, 0.3613



15.7661, 0.3174, 0.3478



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.1287, 0.3270, 0.3918



65.2236, 0.3300, 0.4078



35.5201, 0.3085, 0.3930



9.1145, 0.3183, 0.3520



23.2501, 0.3329, 0.5739



0.6795, 0.3578, 0.5541

Inverse Universe

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



25.5756, 0.2951, 0.2669



40.7624, 0.2901, 0.2513



27.5083, 0.3169, 0.2724



7.9607, 0.3066, 0.3061



3.9518, 0.2111, 0.0937



0.1421, 0.2439, 0.1117

Previews

White Background



This preview shows how the Yxy color 37.1271, 0.3270, 0.3918 looks on a white background.

Color Contrast Check

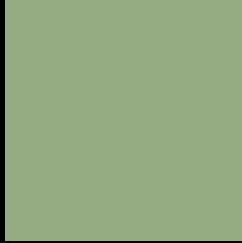
Large Text (above 18pt) WCAG AA × Fail

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 37.1271, 0.3270, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

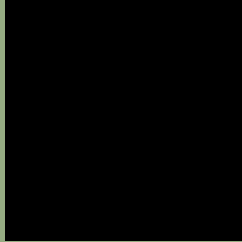
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1271, 0.3270, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 37.1271, 0.3270, 0.3918.



This preview shows how white text looks on a background with the Yxy color 37.1271, 0.3270, 0.3918.

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

37.1271, 0.3270, 0.3918

Protanopia

36.8407, 0.3575, 0.3805

Deuteranopia

36.7545, 0.3694, 0.3618



Tritanopia

37.1925, 0.2937, 0.3104

Trichromacy



Original Color

37.1271, 0.3270, 0.3918

Protanomaly

36.9379, 0.3465, 0.3848

Deuteranomaly

36.6206, 0.3531, 0.3720

Tritanomaly

36.9829, 0.3050, 0.3378

Monochromacy



Original Color

37.1271, 0.3270, 0.3918

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7888, 0.3183, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1271, 0.3270, 0.3918 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(149, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 130)  
}
```

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(149, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 130) }
```

Border

The CSS property to change the border of an element to Yxy 37.1271, 0.3270, 0.3918 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(149, 171, 130) }
```

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

```
.border{ border-color:rgb(149, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1271, 0.3270, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 130) }
```

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

```
.background{ background-color: rgb(149,  
171, 130) }
```

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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