

Converting Colors

$Yxy(37.3901, 0.3045, 0.3896)$

Have a look what the booklet for
Yxy(37.3901, 0.3045, 0.3896)
contains.

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Color

Yxy(37.2914, 0.3048, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	83AF89
RGB	131, 175, 137
RGB Percent	51%, 69%, 54%
CMY	0.4863, 0.3137, 0.4628
CMYK	0.25, 0.00, 0.22, 0.31
HSL	128°, 22%, 60%
HSV	128°, 25%, 69%
XYZ	29.2046, 37.2914, 29.3195
YIQ	157.5120, -14.0260, -21.1460

Conversions

Conversions Part 2

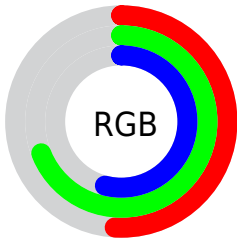
Format	Color
RYB	131, 170, 175
Decimal	8630153
CIELab	67.50, -22.50, 14.81
CIElCh	67, 26.931, 146.647
Yxy	37.2914, 0.3048, 0.3892
Android (android.graphics.Color)	4286820233 (0xFF83AF89)
YUV	157.5120, -10.1124, -23.2510
Hunter-Lab	61.0667, -21.5007, 14.2802

Details

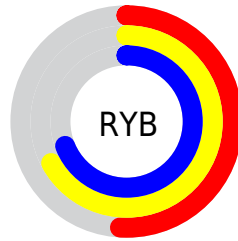
The Yxy color **37.2914, 0.3048, 0.3892** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **28.2130, 0.3218, 0.2754**, and the grayscale version is **34.0113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1838, 0.3071, 0.3777**, and **16.3127, 0.3009, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **35.6077, 0.3017, 0.4179**, and if you desaturate by 10%, it is **39.2751, 0.3080, 0.3631**.

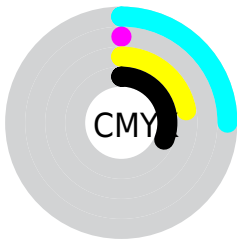
Distribution



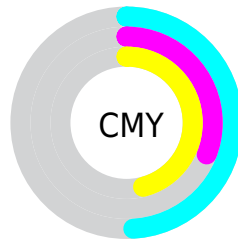
- Red (51%)
- Green (69%)
- Blue (54%)



- Red (51%)
- Yellow (67%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)





- Cyan (49%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2914, 0.3048, 0.3892 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 37.2914, 0.3048, 0.3892 by changing the saturation by 10% instead.


 37.2914, 0.3048,
0.3892


 37.2914, 0.3048,
0.3892


334.5704, 0.3095,
0.3569


 25.4332, 0.3033,
0.3981


 71.0207, 0.3067,
0.3769

 16.4001, 0.3013,
0.4100


 93.6606, 0.3073,
0.3724

 9.8077, 0.2982,
0.4269


 120.6632, 0.3079,
0.3687

 5.2716, 0.2930,
0.4524

152.4129, 0.3083,
0.3656

 2.4075, 0.2831,
0.4952

189.2941, 0.3087,
0.3629

 0.8298, 0.2240,
0.7760

231.6911, 0.3090,

 0.0000, 0.0000,

0.3606

0.0000

279.9884, 0.3093,
0.3586

■ 37.2914, 0.3048,
0.3892

■ 37.2914, 0.3048,
0.3892

■ 35.6077, 0.3017,
0.4179

■ 39.2751, 0.3080,
0.3631

■ 34.2048, 0.2990,
0.4486

■ 41.5675, 0.3111,
0.3399

■ 33.0689, 0.2968,
0.4803

■ 44.1827, 0.3142,
0.3194

■ 32.1827, 0.2952,
0.5115

■ 47.1326, 0.3171,
0.3016

■ 31.5273, 0.2947,
0.5401

■ 50.4283, 0.3198,
0.2862

■ 31.0807, 0.2951,
0.5642

■ 54.0808, 0.3223,
0.2728

■ 30.8163, 0.2964,
0.5822

■ 58.1002, 0.3246,
0.2613

■ 30.7269, 0.2969,
0.5888

■ 59.1418, 0.3164,
0.2508

Harmonies

Analogous

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



37.2914, 0.3450, 0.4021



37.2914, 0.3048, 0.3892



37.2914, 0.2683, 0.3563

Triad

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



37.2914, 0.3048, 0.3892



37.2914, 0.2496, 0.2661



37.2914, 0.3859, 0.3343

Complementary

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



37.2914, 0.3048, 0.3892



28.2130, 0.3218, 0.2754

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.



37.2914, 0.3570, 0.3026



37.2914, 0.3048, 0.3892



37.2914, 0.2776, 0.2645

Square

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



37.2914, 0.3048, 0.3892



37.2914, 0.2380, 0.2840



37.2914, 0.3166, 0.2777



37.2914, 0.3934, 0.3667

Rectangle

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



37.2914, 0.3048, 0.3892



37.2914, 0.2506, 0.3296



37.2914, 0.3166, 0.2777



37.2914, 0.3783, 0.3233

Sweetspot

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



37.2930, 0.3048, 0.3892



73.1524, 0.3102, 0.3465



40.7508, 0.3443, 0.3918



16.1209, 0.3097, 0.3499



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.



37.2930, 0.3048, 0.3892



65.0997, 0.3031, 0.4043



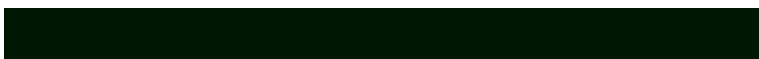
37.9860, 0.2882, 0.3538



8.9564, 0.3098, 0.3492



22.0087, 0.2965, 0.5875



0.6176, 0.2849, 0.5456

Inverse Universe

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



28.2130, 0.3218, 0.2754



46.1185, 0.3241, 0.2638



27.4585, 0.3458, 0.3056



8.1291, 0.3157, 0.3096



8.1383, 0.3579, 0.1745



0.2315, 0.3452, 0.1675

Previews

White Background



This preview shows how the Yxy color 37.2914, 0.3048, 0.3892 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 37.2914, 0.3048, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

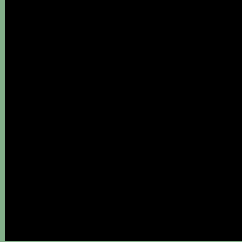
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2914, 0.3048, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 37.2914, 0.3048, 0.3892.



This preview shows how white text looks on a background with the Yxy color 37.2914, 0.3048, 0.3892.

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

37.2914, 0.3048, 0.3892

Protanopia

37.1883, 0.3524, 0.3763

Deuteranopia

37.0682, 0.3590, 0.3523



Tritanopia

37.2423, 0.2768, 0.3098

Trichromacy



Original Color

37.2914, 0.3048, 0.3892

Protanomaly

36.9678, 0.3336, 0.3814

Deuteranomaly

36.6599, 0.3371, 0.3640

Tritanomaly

37.1132, 0.2865, 0.3365

Monochromacy



Original Color

37.2914, 0.3048, 0.3892

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.0488, 0.3098, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2914, 0.3048, 0.3892 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(131, 175, 137)` looks like.

```
.text, #text, p{  
    color:rgb(131, 175, 137)  
}
```

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(131, 175, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 175, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.2914, 0.3048, 0.3892 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(131, 175, 137) }
```

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

```
.border{ border-color:rgb(131, 175, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 175, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 175, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 175, 137);  
box-shadow:4px 4px 4px 4px rgb(131, 175,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2914, 0.3048, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 175, 137) }
```

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

```
.background{ background-color: rgb(131,  
175, 137) }
```

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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