

Converting Colors

$Yxy(37.2085, 0.3039, 0.3762)$

Have a look what the booklet for
Yxy(37.2085, 0.3039, 0.3762)
contains.

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Color

Yxy(37.1046, 0.3044, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	88AD8F
RGB	136, 173, 143
RGB Percent	53%, 68%, 56%
CMY	0.4667, 0.3216, 0.4391
CMYK	0.21, 0.00, 0.17, 0.32
HSL	131°, 18%, 61%
HSV	131°, 21%, 68%
XYZ	30.0549, 37.1046, 31.5754
YIQ	158.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

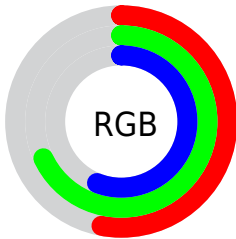
Format	Color
RYB	136, 167, 173
Decimal	8957327
CIELab	67.36, -18.65, 11.34
CIELCh	67, 21.825, 148.711
Yxy	37.1046, 0.3044, 0.3758
Android (android.graphics.Color)	4287147407 (0xFF88AD8F)
YUV	158.5170, -7.6499, -19.7474
Hunter-Lab	60.9135, -18.5263, 11.9056

Details

The Yxy color **37.1046, 0.3044, 0.3758** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.2414, 0.3223, 0.2863**, and the grayscale version is **34.4794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0170, 0.3062, 0.3665**, and **16.3964, 0.3004, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **35.3742, 0.3006, 0.4017**, and if you desaturate by 10%, it is **39.1249, 0.3083, 0.3524**.

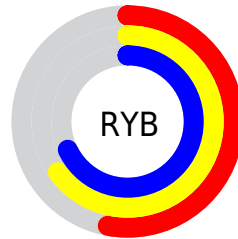
Distribution



Red (53%)

Green (68%)

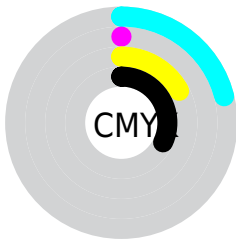
Blue (56%)



Red (53%)

Yellow (65%)

Blue (68%)

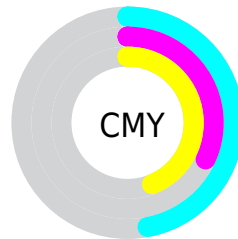


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (47%)


Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1046, 0.3044, 0.3758 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 37.1046, 0.3044, 0.3758 by changing the saturation by 10% instead.


 37.1046, 0.3044,
0.3758


 37.1046, 0.3044,
0.3758


333.7632, 0.3091,
0.3508

 25.2885, 0.3030,
0.3826


 70.7336, 0.3062,
0.3663

 16.2921, 0.3012,
0.3918

 93.3153, 0.3069,
0.3629

 9.7311, 0.2984,
0.4046


 120.2544, 0.3074,
0.3600

 5.2210, 0.2940,
0.4241

151.9351, 0.3079,
0.3576

 2.3775, 0.2861,
0.4566

188.7420, 0.3082,
0.3555

 0.8143, 0.2597,
0.6636

231.0593, 0.3086,

 0.0000, 0.0000,

0.3537

0.0000

279.2716, 0.3088,
0.3522

■ 37.1046, 0.3044,
0.3758

■ 37.1046, 0.3044,
0.3758

■ 35.3742, 0.3006,
0.4017

■ 39.1249, 0.3083,
0.3524

■ 33.9160, 0.2972,
0.4299

■ 41.4428, 0.3122,
0.3317

■ 32.7173, 0.2944,
0.4595

■ 44.0714, 0.3160,
0.3135

■ 31.7626, 0.2923,
0.4896

■ 47.0217, 0.3196,
0.2976

■ 31.0348, 0.2914,
0.5186

■ 50.3040, 0.3230,
0.2838

■ 30.5144, 0.2916,
0.5448

■ 53.9283, 0.3261,
0.2719

■ 30.1787, 0.2931,
0.5665

■ 57.5055, 0.3274,
0.2612

■ 29.9982, 0.2947,
0.5810

■ 58.3689, 0.3165,
0.2488

Harmonies

Analogous

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



37.1046, 0.3372, 0.3878



37.1046, 0.3044, 0.3758



37.1046, 0.2749, 0.3490

Triad

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



37.1046, 0.3044, 0.3758



37.1046, 0.2622, 0.2770



37.1046, 0.3729, 0.3358

Complementary

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



37.1046, 0.3044, 0.3758



29.2414, 0.3223, 0.2863

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.



37.1046, 0.3507, 0.3092



37.1046, 0.3044, 0.3758



37.1046, 0.2862, 0.2762

Square

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



37.1046, 0.3044, 0.3758



37.1046, 0.2514, 0.2913



37.1046, 0.3185, 0.2879



37.1046, 0.3779, 0.3622

Rectangle

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



37.1046, 0.3044, 0.3758



37.1046, 0.2607, 0.3277



37.1046, 0.3185, 0.2879



37.1046, 0.3672, 0.3266

Sweetspot

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



37.1062, 0.3044, 0.3758



72.1954, 0.3104, 0.3411



39.7967, 0.3378, 0.3824



15.6336, 0.3101, 0.3424



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.



37.1062, 0.3044, 0.3758



64.8201, 0.3025, 0.3886



37.7053, 0.2902, 0.3468



8.9633, 0.3091, 0.3479



22.0434, 0.2943, 0.5795



0.6204, 0.2797, 0.5269

Inverse Universe

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



29.2414, 0.3223, 0.2863



48.0235, 0.3250, 0.2760



28.6185, 0.3418, 0.3119



8.1216, 0.3165, 0.3108



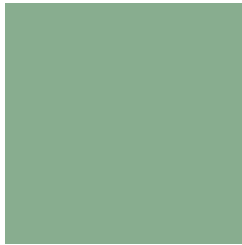
7.9278, 0.3748, 0.1838



0.2272, 0.3558, 0.1734

Previews

White Background



This preview shows how the Yxy color 37.1046, 0.3044, 0.3758 looks on a white background.

Color Contrast Check

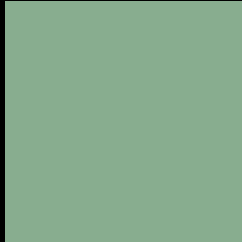
Large Text (above 18pt) WCAG AA × Fail

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 37.1046, 0.3044, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

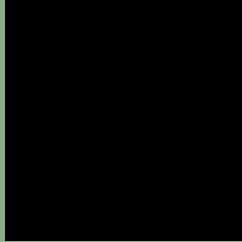
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

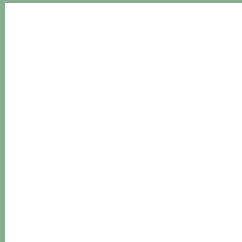
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1046, 0.3044, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 37.1046, 0.3044, 0.3758.



This preview shows how white text looks on a background with the Yxy color 37.1046, 0.3044, 0.3758.

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

37.1046, 0.3044, 0.3758

Protanopia

36.8000, 0.3442, 0.3650

Deuteranopia

36.9681, 0.3521, 0.3456



Tritanopia

37.1811, 0.2807, 0.3099

Trichromacy



Original Color

37.1046, 0.3044, 0.3758

Protanomaly

36.9018, 0.3287, 0.3692

Deuteranomaly

36.5636, 0.3337, 0.3551

Tritanomaly

37.1149, 0.2890, 0.3334

Monochromacy



Original Color

37.1046, 0.3044, 0.3758

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4301, 0.3101, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1046, 0.3044, 0.3758 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, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(136, 173, 143)  
}
```

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, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 173, 143) }
```

Border

The CSS property to change the border of an element to Yxy 37.1046, 0.3044, 0.3758 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, 173, 143) }
```

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

```
.border{ border-color:rgb(136, 173, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 173, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(136, 173,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1046, 0.3044, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 173, 143) }
```

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

```
.background{ background-color: rgb(136,  
173, 143) }
```

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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