

Converting Colors

$Yxy(37.0147, 0.3057, 0.3643)$

Have a look what the booklet for
Yxy(37.0147, 0.3057, 0.3643)
contains.

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Color

Yxy(37.0147, 0.3057, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	8EAB94
RGB	142, 171, 148
RGB Percent	56%, 67%, 58%
CMY	0.4432, 0.3294, 0.4196
CMYK	0.17, 0.00, 0.13, 0.33
HSL	132°, 15%, 61%
HSV	132°, 17%, 67%
XYZ	31.0606, 37.0147, 33.5296
YIQ	159.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

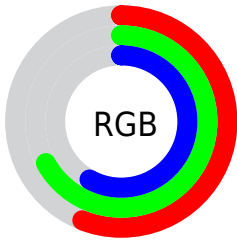
Format	Color
RYB	142, 166, 171
Decimal	9350036
CIELab	67.29, -14.60, 8.54
CIElCh	67, 16.917, 149.672
Yxy	37.0147, 0.3057, 0.3643
Android (android.graphics.Color)	4287540116 (0xFF8EAB94)
YUV	159.7070, -5.7716, -15.5290
Hunter-Lab	60.8397, -15.3394, 9.9122

Details

The Yxy color **37.0147, 0.3057, 0.3643** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7122, 0.3206, 0.2961**, and the grayscale version is **35.0413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3927, 0.3073, 0.3568**, and **16.2809, 0.3031, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **35.2141, 0.3016, 0.3885**, and if you desaturate by 10%, it is **39.1007, 0.3098, 0.3426**.

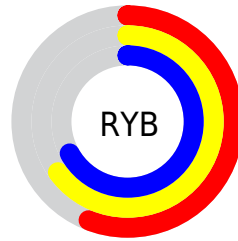
Distribution



Red (56%)

Green (67%)

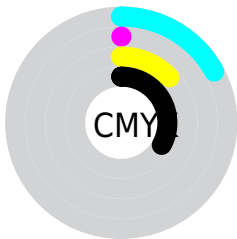
Blue (58%)



Red (56%)

Yellow (65%)

Blue (67%)

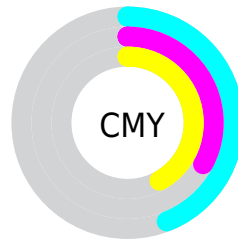


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (44%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0147, 0.3057, 0.3643 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 37.0147, 0.3057, 0.3643 by changing the saturation by 10% instead.


 37.0147, 0.3057,
0.3643


 37.0147, 0.3057,
0.3643


333.3742, 0.3096,
0.3456

 25.2189, 0.3046,
0.3694


 70.5954, 0.3072,
0.3572

 16.2402, 0.3031,
0.3762


 93.1490, 0.3077,
0.3546

 9.6943, 0.3010,
0.3857


 120.0574, 0.3082,
0.3525

 5.1967, 0.2977,
0.3999

151.7049, 0.3085,
0.3507

 2.3632, 0.2918,
0.4237

188.4760, 0.3088,
0.3491

 0.8068, 0.2739,
0.5384

230.7549, 0.3091,

 0.0000, 0.0000,

0.3478

0.0000

278.9262, 0.3093,
0.3466

■ 37.0147, 0.3057,
0.3643

■ 37.0147, 0.3057,
0.3643

■ 35.2141, 0.3016,
0.3885

■ 39.1007, 0.3098,
0.3426

■ 33.6819, 0.2978,
0.4151

■ 41.4789, 0.3139,
0.3235

■ 32.4064, 0.2945,
0.4435

■ 44.1616, 0.3179,
0.3067

■ 31.3735, 0.2920,
0.4730

■ 47.1593, 0.3217,
0.2921

■ 30.5673, 0.2905,
0.5022

■ 50.4818, 0.3252,
0.2794

■ 29.9702, 0.2902,
0.5297

■ 54.1383, 0.3285,
0.2684

■ 29.5620, 0.2912,
0.5537

■ 56.8492, 0.3261,
0.2577

■ 29.3137, 0.2933,
0.5729

■ 57.6094, 0.3166,
0.2469

■ 29.2542, 0.2938,
0.5778

Harmonies

Analogous

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



37.0147, 0.3313, 0.3741



37.0147, 0.3057, 0.3643



37.0147, 0.2827, 0.3438

Triad

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



37.0147, 0.3057, 0.3643



37.0147, 0.2737, 0.2881



37.0147, 0.3596, 0.3354

Complementary

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



37.0147, 0.3057, 0.3643



30.7122, 0.3206, 0.2961

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.



37.0147, 0.3429, 0.3142



37.0147, 0.3057, 0.3643



37.0147, 0.2929, 0.2876

Square

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



37.0147, 0.3057, 0.3643



37.0147, 0.2647, 0.2994



37.0147, 0.3182, 0.2971



37.0147, 0.3631, 0.3560

Rectangle

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



37.0147, 0.3057, 0.3643



37.0147, 0.2717, 0.3275



37.0147, 0.3182, 0.2971



37.0147, 0.3553, 0.3282

Sweetspot

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



37.0163, 0.3057, 0.3643



70.7834, 0.3106, 0.3388



39.1025, 0.3321, 0.3710



15.7230, 0.3103, 0.3402



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.



37.0163, 0.3057, 0.3643



65.1420, 0.3043, 0.3722



37.4970, 0.2943, 0.3421



8.9656, 0.3089, 0.3475



22.0571, 0.2934, 0.5764



0.6213, 0.2781, 0.5210

Inverse Universe

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



30.7122, 0.3206, 0.2961



51.9249, 0.3224, 0.2894



30.2208, 0.3352, 0.3163



8.1191, 0.3168, 0.3112



7.8622, 0.3806, 0.1870



0.2258, 0.3594, 0.1754

Previews

White Background



This preview shows how the Yxy color 37.0147, 0.3057, 0.3643 looks on a white background.

Color Contrast Check

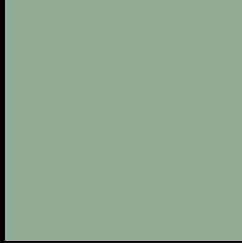
Large Text (above 18pt) WCAG AA × Fail

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 37.0147, 0.3057, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

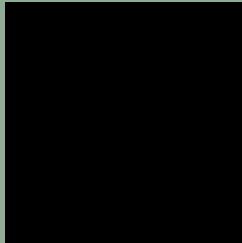
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0147, 0.3057, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 37.0147, 0.3057, 0.3643.



This preview shows how white text looks on a background with the Yxy color 37.0147, 0.3057, 0.3643.

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

37.0147, 0.3057, 0.3643

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

36.8784, 0.3452, 0.3387



Tritanopia

36.7708, 0.2845, 0.3086

Trichromacy



Original Color

37.0147, 0.3057, 0.3643

Protanomaly

36.7904, 0.3254, 0.3601

Deuteranomaly

36.8314, 0.3301, 0.3477

Tritanomaly

36.8522, 0.2923, 0.3289

Monochromacy



Original Color

37.0147, 0.3057, 0.3643

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7235, 0.3094, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0147, 0.3057, 0.3643 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(142, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(142, 171, 148)  
}
```

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(142, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 171, 148) }
```

Border

The CSS property to change the border of an element to Yxy 37.0147, 0.3057, 0.3643 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(142, 171, 148) }
```

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

```
.border{ border-color:rgb(142, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(142, 171,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0147, 0.3057, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 171, 148) }
```

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

```
.background{ background-color: rgb(142,  
171, 148) }
```

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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