

Converting Colors

Yxy(37.4449, 0.3161, 0.3913)

Have a look what the booklet for
Yxy(37.4449, 0.3161, 0.3913)
contains.

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Color

Yxy(37.6283, 0.3167, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	8DAE85
RGB	141, 174, 133
RGB Percent	55%, 68%, 52%
CMY	0.4471, 0.3176, 0.4783
CMYK	0.19, 0.00, 0.24, 0.32
HSL	108°, 20%, 60%
HSV	108°, 24%, 68%
XYZ	30.3538, 37.6283, 27.8618
YIQ	159.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

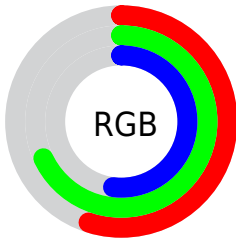
Format	Color
RYB	133, 174, 166
Decimal	9285253
CIELab	67.75, -19.21, 17.42
CIELCh	68, 25.928, 137.801
Yxy	37.6283, 0.3167, 0.3926
Android (android.graphics.Color)	4287475333 (0xFF8DAE85)
YUV	159.4590, -13.0443, -16.1885
Hunter-Lab	61.3419, -19.0214, 16.0095

Details

The Yxy color **37.6283, 0.3167, 0.3926** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.9496, 0.3070, 0.2701**, and the grayscale version is **34.9558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7409, 0.3164, 0.3805**, and **16.4729, 0.3171, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **36.0359, 0.3179, 0.4240**, and if you desaturate by 10%, it is **39.4591, 0.3152, 0.3637**.

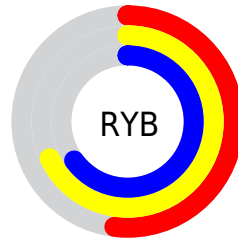
Distribution



Red (55%)

Green (68%)

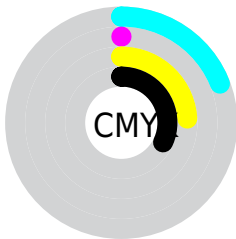
Blue (52%)



Red (52%)

Yellow (68%)

Blue (65%)

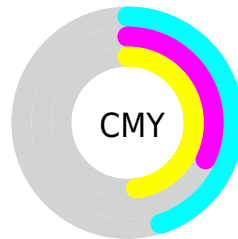


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (45%)


Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6283, 0.3167, 0.3926 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 37.6283, 0.3167, 0.3926 by changing the saturation by 10% instead.


 37.6283, 0.3167,
0.3926


 37.6283, 0.3167,
0.3926


336.0228, 0.3152,
0.3586


 25.6943, 0.3168,
0.4019


 71.5381, 0.3163,
0.3797

 16.5951, 0.3168,
0.4143


 94.2826, 0.3161,
0.3750

 9.9462, 0.3165,
0.4317


 121.3995, 0.3160,
0.3711

 5.3633, 0.3153,
0.4579

153.2732, 0.3158,
0.3678

 2.4620, 0.3114,
0.5011

190.2879, 0.3156,
0.3650

 0.8575, 0.2876,
0.7124

232.8282, 0.3155,

 0.0000, 0.0000,

0.3626

0.0000

281.2783, 0.3154,
0.3604

■ 37.6283, 0.3167,
0.3926

■ 37.6283, 0.3167,
0.3926

■ 36.0359, 0.3179,
0.4240

■ 39.4591, 0.3152,
0.3637

■ 34.6675, 0.3185,
0.4570

■ 41.5328, 0.3134,
0.3376

■ 33.5142, 0.3183,
0.4904

■ 43.8595, 0.3115,
0.3144

■ 32.5648, 0.3173,
0.5222

■ 46.4474, 0.3096,
0.2939

■ 31.8070, 0.3153,
0.5504

■ 49.3044, 0.3077,
0.2761

■ 31.2271, 0.3124,
0.5727

■ 52.4381, 0.3058,
0.2605

■ 30.8092, 0.3089,
0.5878

■ 55.8555, 0.3041,
0.2469

■ 30.6110, 0.3067,
0.5946

■ 58.4039, 0.3150,
0.2494

■ 58.7542, 0.3164,
0.2498

Harmonies

Analogous

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



37.6283, 0.3543, 0.3985



37.6283, 0.3167, 0.3926



37.6283, 0.2795, 0.3658

Triad

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



37.6283, 0.3167, 0.3926



37.6283, 0.2469, 0.2720



37.6283, 0.3765, 0.3249

Complementary

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



37.6283, 0.3167, 0.3926



27.9496, 0.3070, 0.2701

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.



37.6283, 0.3444, 0.2956



37.6283, 0.3167, 0.3926



37.6283, 0.2696, 0.2658

Square

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



37.6283, 0.3167, 0.3926



37.6283, 0.2408, 0.2938



37.6283, 0.3048, 0.2745



37.6283, 0.3904, 0.3566

Rectangle

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



37.6283, 0.3167, 0.3926



37.6283, 0.2598, 0.3411



37.6283, 0.3048, 0.2745



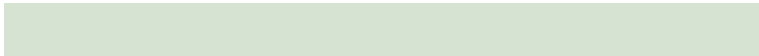
37.6283, 0.3674, 0.3145

Sweetspot

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



37.6299, 0.3167, 0.3926



73.9359, 0.3140, 0.3466



37.8966, 0.3500, 0.3758



16.3840, 0.3141, 0.3481



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.



37.6299, 0.3167, 0.3926



66.7708, 0.3173, 0.4079



37.3169, 0.3001, 0.3739



9.0115, 0.3144, 0.3522



22.2212, 0.3073, 0.5942



0.6396, 0.3268, 0.5787

Inverse Universe

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



27.9496, 0.3070, 0.2701



46.2684, 0.3054, 0.2572



28.3794, 0.3282, 0.2880



8.0683, 0.3108, 0.3064



6.2972, 0.2729, 0.1277



0.1950, 0.2884, 0.1362

Previews

White Background



This preview shows how the Yxy color 37.6283, 0.3167, 0.3926 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 37.6283, 0.3167, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

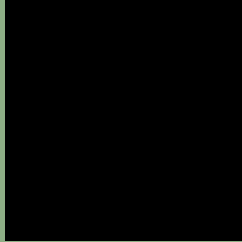
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6283, 0.3167, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 37.6283, 0.3167, 0.3926.



This preview shows how white text looks on a background with the Yxy color 37.6283, 0.3167, 0.3926.

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

37.6283, 0.3167, 0.3926

Protanopia

37.2499, 0.3553, 0.3790

Deuteranopia

37.1784, 0.3660, 0.3590



Tritanopia

37.7310, 0.2856, 0.3102

Trichromacy



Original Color

37.6283, 0.3167, 0.3926

Protanomaly

37.4035, 0.3411, 0.3851

Deuteranomaly

37.0708, 0.3467, 0.3708

Tritanomaly

37.5408, 0.2964, 0.3379

Monochromacy



Original Color

37.6283, 0.3167, 0.3926

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4283, 0.3136, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6283, 0.3167, 0.3926 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(141, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 174, 133)  
}
```

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(141, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 174, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.6283, 0.3167, 0.3926 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(141, 174, 133) }
```

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

```
.border{ border-color:rgb(141, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 174,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6283, 0.3167, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 174, 133) }
```

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

```
.background{ background-color: rgb(141,  
174, 133) }
```

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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