

Converting Colors

$Yxy(37.0096, 0.3158, 0.3782)$

Have a look what the booklet for
Yxy(37.0096, 0.3158, 0.3782)
contains.

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Color

Yxy(37.0096, 0.3158, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	91AB8B
RGB	145, 171, 139
RGB Percent	57%, 67%, 55%
CMY	0.4313, 0.3294, 0.4549
CMYK	0.15, 0.00, 0.19, 0.33
HSL	109°, 16%, 61%
HSV	109°, 19%, 67%
XYZ	30.9033, 37.0096, 29.9443
YIQ	159.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

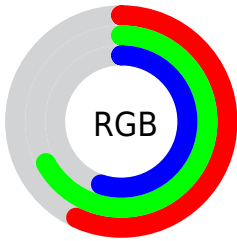
Format	Color
RYB	139, 171, 165
Decimal	9546635
CIELab	67.28, -15.17, 13.53
CIELCh	67, 20.327, 138.262
Yxy	37.0096, 0.3158, 0.3782
Android (android.graphics.Color)	4287736715 (0xFF91AB8B)
YUV	159.5780, -10.1450, -12.7849
Hunter-Lab	60.8355, -15.7875, 13.4013

Details

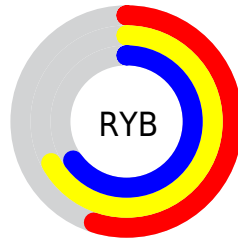
The Yxy color **37.0096, 0.3158, 0.3782** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4064, 0.3086, 0.2827**, and the grayscale version is **35.0014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3851, 0.3151, 0.3673**, and **16.2946, 0.3158, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **35.3641, 0.3171, 0.4085**, and if you desaturate by 10%, it is **38.8907, 0.3142, 0.3506**.

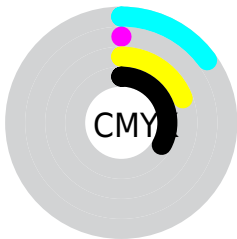
Distribution



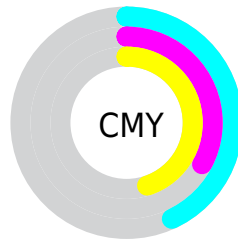
- Red (57%)
- Green (67%)
- Blue (55%)



- Red (55%)
- Yellow (67%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)




- Cyan (43%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0096, 0.3158, 0.3782 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 37.0096, 0.3158, 0.3782 by changing the saturation by 10% instead.

 37.0096, 0.3158,
0.3782


 37.0096, 0.3158,
0.3782


333.3521, 0.3146,
0.3520

 25.2149, 0.3160,
0.3853


 70.5876, 0.3154,
0.3682

 16.2373, 0.3161,
0.3949


 93.1396, 0.3153,
0.3646

 9.6922, 0.3161,
0.4083


 120.0463, 0.3151,
0.3616

 5.1954, 0.3157,
0.4284

151.6919, 0.3150,
0.3591

 2.3623, 0.3139,
0.4617

188.4609, 0.3149,
0.3569

 0.8064, 0.3294,
0.6706

230.7377, 0.3148,

 0.0000, 0.0000,

0.3551

0.0000

278.9066, 0.3147,
0.3534

■ 37.0096, 0.3158,
0.3782

■ 37.0096, 0.3158,
0.3782

■ 35.3641, 0.3171,
0.4085

■ 38.8907, 0.3142,
0.3506

■ 33.9403, 0.3179,
0.4409

■ 41.0112, 0.3125,
0.3260

■ 32.7299, 0.3180,
0.4743

■ 43.3810, 0.3107,
0.3042

■ 31.7225, 0.3174,
0.5072

■ 46.0079, 0.3088,
0.2851

■ 30.9066, 0.3159,
0.5374

■ 48.8993, 0.3070,
0.2683

■ 30.2695, 0.3134,
0.5628

■ 52.0623, 0.3053,
0.2538

■ 29.7971, 0.3102,
0.5816

■ 55.2627, 0.3064,
0.2443

■ 29.4688, 0.3068,
0.5935

■ 57.6051, 0.3166,
0.2469

■ 29.4343, 0.3064,
0.5949

Harmonies

Analogous

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



37.0096, 0.3455, 0.3836



37.0096, 0.3158, 0.3782



37.0096, 0.2862, 0.3573

Triad

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



37.0096, 0.3158, 0.3782



37.0096, 0.2604, 0.2837



37.0096, 0.3632, 0.3265

Complementary

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



37.0096, 0.3158, 0.3782



29.4064, 0.3086, 0.2827

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.



37.0096, 0.3383, 0.3027



37.0096, 0.3158, 0.3782



37.0096, 0.2790, 0.2784

Square

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



37.0096, 0.3158, 0.3782



37.0096, 0.2552, 0.3013



37.0096, 0.3072, 0.2855



37.0096, 0.3738, 0.3520

Rectangle

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



37.0096, 0.3158, 0.3782



37.0096, 0.2704, 0.3383



37.0096, 0.3072, 0.2855



37.0096, 0.3561, 0.3182

Sweetspot

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



37.0112, 0.3158, 0.3782



70.5984, 0.3138, 0.3439



37.2885, 0.3418, 0.3659



15.6923, 0.3139, 0.3455



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.



37.0112, 0.3158, 0.3782



65.1529, 0.3163, 0.3891



36.7724, 0.3026, 0.3636



9.0091, 0.3143, 0.3522



22.2073, 0.3069, 0.5945



0.6386, 0.3260, 0.5793

Inverse Universe

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



29.4064, 0.3086, 0.2827



49.2677, 0.3076, 0.2732



29.7134, 0.3245, 0.2967



8.0709, 0.3109, 0.3064



6.3672, 0.2745, 0.1286



0.1965, 0.2894, 0.1368

Previews

White Background



This preview shows how the Yxy color 37.0096, 0.3158, 0.3782 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 37.0096, 0.3158, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

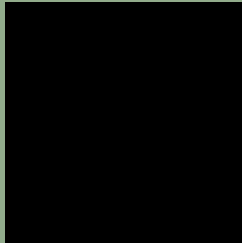
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0096, 0.3158, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 37.0096, 0.3158, 0.3782.



This preview shows how white text looks on a background with the Yxy color 37.0096, 0.3158, 0.3782.

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

37.0096, 0.3158, 0.3782

Protanopia

36.8279, 0.3480, 0.3693

Deuteranopia

36.6317, 0.3573, 0.3497



Tritanopia

37.1064, 0.2887, 0.3102

Trichromacy



Original Color

37.0096, 0.3158, 0.3782

Protanomaly

36.8365, 0.3363, 0.3733

Deuteranomaly

36.5344, 0.3416, 0.3593

Tritanomaly

37.0752, 0.2990, 0.3349

Monochromacy



Original Color

37.0096, 0.3158, 0.3782

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7865, 0.3147, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0096, 0.3158, 0.3782 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(145, 171, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 171, 139)  
}
```

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(145, 171, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 171, 139) }
```

Border

The CSS property to change the border of an element to Yxy 37.0096, 0.3158, 0.3782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

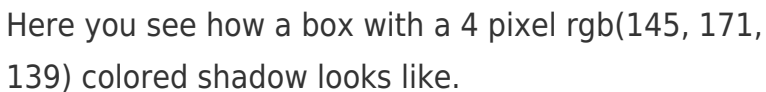
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 171, 139) }
```

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

```
.border{ border-color:rgb(145, 171, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 171, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 171, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 171, 139); box-shadow:4px 4px 4px 4px rgb(145, 171, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0096, 0.3158, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 171, 139) }
```

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

```
.background{ background-color: rgb(145,  
171, 139) }
```

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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