

Converting Colors

$Yxy(37.3054, 0.3387, 0.3902)$

Have a look what the booklet for
Yxy(37.3054, 0.3387, 0.3902)
contains.

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Color

Yxy(37.3054, 0.3387, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	9FA980
RGB	159, 169, 128
RGB Percent	62%, 66%, 50%
CMY	0.3765, 0.3372, 0.4980
CMYK	0.06, 0.00, 0.24, 0.34
HSL	75°, 19%, 58%
HSV	75°, 24%, 66%
XYZ	32.3817, 37.3054, 25.9187
YIQ	161.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

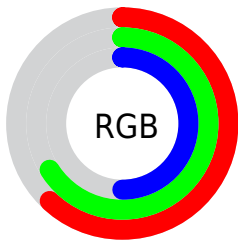
Format	Color
RYB	128, 169, 138
Decimal	10463616
CIELab	67.51, -10.72, 20.02
CIElCh	68, 22.716, 118.172
Yxy	37.3054, 0.3387, 0.3902
Android (android.graphics.Color)	4288653696 (0xFF9FA980)
YUV	161.3360, -16.4346, -2.0487
Hunter-Lab	61.0781, -12.2517, 17.5948

Details

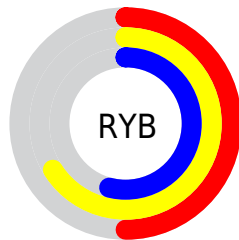
The Yxy color **37.3054, 0.3387, 0.3902** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.7107, 0.2823, 0.2639**, and the grayscale version is **35.8811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9436, 0.3341, 0.3778**, and **16.4129, 0.3452, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **36.4834, 0.3490, 0.4168**, and if you desaturate by 10%, it is **38.2189, 0.3280, 0.3641**.

Distribution



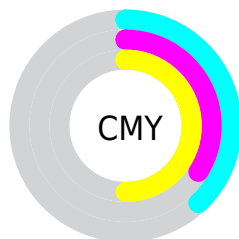
- Red (62%)
- Green (66%)
- Blue (50%)



- Red (50%)
- Yellow (66%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)





- Cyan (38%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3054, 0.3387, 0.3902 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 37.3054, 0.3387, 0.3902 by changing the saturation by 10% instead.


 37.3054, 0.3387,
0.3902


 37.3054, 0.3387,
0.3902


334.6308, 0.3257,
0.3578

 25.4440, 0.3419,
0.3989


 71.0422, 0.3340,
0.3780

 16.4082, 0.3459,
0.4103


 93.6865, 0.3322,
0.3736

 9.8135, 0.3511,
0.4262


 120.6939, 0.3307,
0.3698

 5.2754, 0.3579,
0.4494

152.4487, 0.3294,
0.3667

 2.4098, 0.3681,
0.4881

189.3354, 0.3283,
0.3640

 0.8309, 0.3885,
0.6115

231.7384, 0.3273,

 0.0000, 0.0000,

0.3617

0.0000

280.0421, 0.3264,
0.3596

■ 37.3054, 0.3387,
0.3902

■ 37.3054, 0.3387,
0.3902

■ 36.4834, 0.3490,
0.4168

■ 38.2189, 0.3280,
0.3641

■ 35.7442, 0.3586,
0.4430

■ 39.2225, 0.3172,
0.3392

■ 35.0853, 0.3668,
0.4679

■ 40.3212, 0.3067,
0.3157

■ 34.5022, 0.3731,
0.4903

■ 41.5182, 0.2967,
0.2940

■ 33.9899, 0.3772,
0.5093

■ 42.8165, 0.2873,
0.2741

■ 33.5424, 0.3789,
0.5241

■ 44.2188, 0.2784,
0.2560

■ 33.1531, 0.3781,
0.5342

■ 45.7280, 0.2703,
0.2396

■ 32.9463, 0.3770,
0.5389

■ 46.8063, 0.2678,
0.2322

■ 47.3528, 0.2708,
0.2330

Harmonies

Analogous

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



37.3054, 0.3668, 0.3836



37.3054, 0.3387, 0.3902



37.3054, 0.3046, 0.3781

Triad

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



37.3054, 0.3387, 0.3902



37.3054, 0.2491, 0.2901



37.3054, 0.3517, 0.3080

Complementary

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



37.3054, 0.3387, 0.3902



23.7107, 0.2823, 0.2639

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.



37.3054, 0.3180, 0.2861



37.3054, 0.3387, 0.3902



37.3054, 0.2600, 0.2752

Square

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



37.3054, 0.3387, 0.3902



37.3054, 0.2540, 0.3173



37.3054, 0.2846, 0.2742



37.3054, 0.3750, 0.3354

Rectangle

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



37.3054, 0.3387, 0.3902



37.3054, 0.2832, 0.3608



37.3054, 0.2846, 0.2742



37.3054, 0.3411, 0.2998

Sweetspot

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



37.3070, 0.3387, 0.3902



69.7075, 0.3203, 0.3462



28.0497, 0.3588, 0.3436



15.1710, 0.3209, 0.3476



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3070, 0.3387, 0.3902



66.0146, 0.3442, 0.4042



35.4208, 0.3195, 0.3940



8.6802, 0.3226, 0.3516



24.5787, 0.3775, 0.5385



0.6196, 0.3921, 0.5269

Inverse Universe

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



23.7107, 0.2823, 0.2639



37.4920, 0.2744, 0.2478



25.5821, 0.3035, 0.2678



7.3857, 0.3023, 0.3059



2.5122, 0.1653, 0.0684



0.0841, 0.1996, 0.0873

Previews

White Background



This preview shows how the Yxy color 37.3054, 0.3387, 0.3902 looks on a white background.

Color Contrast Check

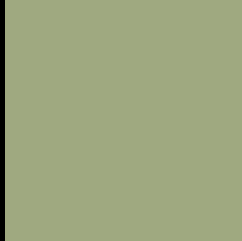
Large Text (above 18pt) WCAG AA × Fail

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 37.3054, 0.3387, 0.3902 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

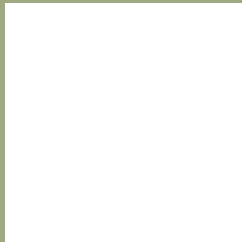
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.3054, 0.3387, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 37.3054, 0.3387, 0.3902.



This preview shows how white text looks on a background with the Yxy color 37.3054, 0.3387, 0.3902.

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

37.3054, 0.3387, 0.3902

Protanopia

37.1712, 0.3580, 0.3833

Deuteranopia

37.2719, 0.3740, 0.3669



Tritanopia

37.4360, 0.3043, 0.3108

Trichromacy



Original Color

37.3054, 0.3387, 0.3902

Protanomaly

37.2398, 0.3504, 0.3857

Deuteranomaly

37.1289, 0.3611, 0.3755

Tritanomaly

37.2000, 0.3161, 0.3377

Monochromacy



Original Color

37.3054, 0.3387, 0.3902

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.1944, 0.3221, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3054, 0.3387, 0.3902 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(159, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 169, 128)  
}
```

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(159, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 169, 128) }
```

Border

The CSS property to change the border of an element to Yxy 37.3054, 0.3387, 0.3902 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(159, 169, 128) }
```

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

```
.border{ border-color:rgb(159, 169, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 169, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 169,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3054, 0.3387, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 169, 128) }
```

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

```
.background{ background-color: rgb(159,  
169, 128) }
```

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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