

Converting Colors

$Yxy(38.1367, 0.3494, 0.3926)$

Have a look what the booklet for
Yxy(38.1367, 0.3494, 0.3926)
contains.

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Color

Yxy(38.0721, 0.3492, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	A7A97D
RGB	167, 169, 125
RGB Percent	65%, 66%, 49%
CMY	0.3450, 0.3373, 0.5097
CMYK	0.01, 0.00, 0.26, 0.34
HSL	63°, 20%, 58%
HSV	63°, 26%, 66%
XYZ	33.8289, 38.0721, 24.9745
YIQ	163.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

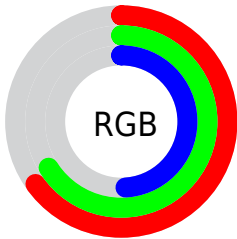
Format	Color
RYB	125, 169, 127
Decimal	10987901
CIELab	68.07, -8.05, 22.53
CIELCh	68, 23.922, 109.656
Yxy	38.0721, 0.3492, 0.3930
Android (android.graphics.Color)	4289177981 (0xFFA7A97D)
YUV	163.3860, -18.9243, 3.1695
Hunter-Lab	61.7026, -10.1155, 19.1938

Details

The Yxy color **38.0721, 0.3492, 0.3930** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.0500, 0.2708, 0.2568**, and the grayscale version is **36.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2136, 0.3428, 0.3801**, and **16.8218, 0.3585, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **37.5950, 0.3630, 0.4176**, and if you desaturate by 10%, it is **38.6266, 0.3351, 0.3680**.

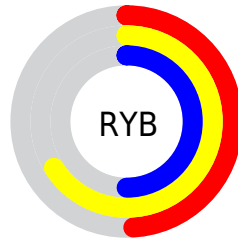
Distribution



Red (65%)

Green (66%)

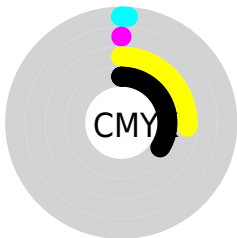
Blue (49%)



Red (49%)

Yellow (66%)

Blue (50%)

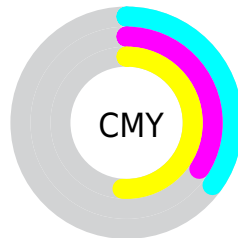


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (35%)


Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0721, 0.3492, 0.3930 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 38.0721, 0.3492, 0.3930 by changing the saturation by 10% instead.

 38.0721, 0.3492,
0.3930


 38.0721, 0.3492,
0.3930


337.9292, 0.3308,
0.3595

 26.0387, 0.3538,
0.4018


 72.2186, 0.3425,
0.3805

 16.8526, 0.3595,
0.4134


 95.1005, 0.3400,
0.3759

 10.1294, 0.3671,
0.4291


 122.3673, 0.3379,
0.3720

 5.4849, 0.3770,
0.4517

154.4035, 0.3361,
0.3688

 2.5345, 0.3933,
0.4900

191.5933, 0.3345,
0.3659

 0.8938, 0.4222,
0.5778

234.3213, 0.3331,

 0.0000, 0.0000,

0.3635

0.0000

282.9718, 0.3319,
0.3614

■ 38.0721, 0.3492,
0.3930

■ 38.0721, 0.3492,
0.3930

■ 37.5950, 0.3630,
0.4176

■ 38.6266, 0.3351,
0.3680

■ 37.1864, 0.3759,
0.4409

■ 39.2569, 0.3210,
0.3434

■ 36.8440, 0.3874,
0.4620


■ 39.9679, 0.3074,
0.3197

■ 36.5634, 0.3969,
0.4799


■ 40.7626, 0.2944,
0.2973

■ 36.3396, 0.4040,
0.4940


■ 41.6439, 0.2823,
0.2765

 36.1667, 0.4087,
0.5038


 42.6146, 0.2711,
0.2573

 36.0371, 0.4109,
0.5096

 43.6774, 0.2608,
0.2398

 35.9907, 0.4115,
0.5114

 44.4937, 0.2544,
0.2287

 44.5811, 0.2549,
0.2288

Harmonies

Analogous

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



38.0721, 0.3752, 0.3810



38.0721, 0.3492, 0.3930



38.0721, 0.3143, 0.3861

Triad

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



38.0721, 0.3492, 0.3930



38.0721, 0.2461, 0.2952



38.0721, 0.3441, 0.2997

Complementary

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



38.0721, 0.3492, 0.3930



22.0500, 0.2708, 0.2568

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.



38.0721, 0.3078, 0.2795



38.0721, 0.3492, 0.3930



38.0721, 0.2528, 0.2757

Square

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



38.0721, 0.3492, 0.3930



38.0721, 0.2558, 0.3263



38.0721, 0.2748, 0.2707



38.0721, 0.3727, 0.3272

Rectangle

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



38.0721, 0.3492, 0.3930



38.0721, 0.2910, 0.3708



38.0721, 0.2748, 0.2707



38.0721, 0.3323, 0.2919

Sweetspot

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



38.0738, 0.3492, 0.3930



70.0562, 0.3239, 0.3486



24.9630, 0.3663, 0.3314



15.2323, 0.3260, 0.3521



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.



38.0738, 0.3492, 0.3930



67.6982, 0.3569, 0.4067



35.9263, 0.3282, 0.3975



8.7563, 0.3255, 0.3514



26.8303, 0.4116, 0.5114



0.6579, 0.4143, 0.5092

Inverse Universe

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



22.0500, 0.2708, 0.2568



34.2739, 0.2603, 0.2389



23.8778, 0.2932, 0.2612



7.3161, 0.2993, 0.3057



2.1781, 0.1518, 0.0610



0.0579, 0.1600, 0.0655

Previews

White Background



This preview shows how the Yxy color 38.0721, 0.3492, 0.3930 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 38.0721, 0.3492, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

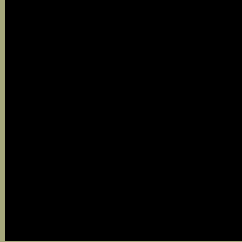
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

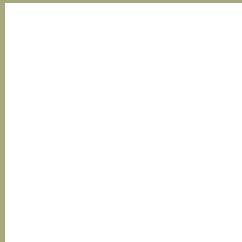
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0721, 0.3492, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 38.0721, 0.3492, 0.3930.



This preview shows how white text looks on a background with the Yxy color 38.0721, 0.3492, 0.3930.

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

38.0721, 0.3492, 0.3930

Protanopia

38.1926, 0.3622, 0.3882

Deuteranopia

37.9307, 0.3797, 0.3718



Tritanopia

37.8200, 0.3117, 0.3111

Trichromacy



Original Color

38.0721, 0.3492, 0.3930

Protanomaly

38.0913, 0.3578, 0.3903

Deuteranomaly

38.0150, 0.3686, 0.3801

Tritanomaly

38.0025, 0.3254, 0.3404

Monochromacy



Original Color

38.0721, 0.3492, 0.3930

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9727, 0.3258, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0721, 0.3492, 0.3930 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(167, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 125)  
}
```

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(167, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.0721, 0.3492, 0.3930 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(167, 169, 125) }
```

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

```
.border{ border-color:rgb(167, 169, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 125);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0721, 0.3492, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 125) }
```

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

```
.background{ background-color: rgb(167,  
169, 125) }
```

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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