

Converting Colors

$Yxy(36.9785, 0.3470, 0.3966)$

Have a look what the booklet for
Yxy(36.9785, 0.3470, 0.3966)
contains.

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Color

Yxy(37.0918, 0.3472, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	A2A87A
RGB	162, 168, 122
RGB Percent	64%, 66%, 48%
CMY	0.3647, 0.3412, 0.5217
CMYK	0.04, 0.00, 0.27, 0.34
HSL	68°, 21%, 57%
HSV	68°, 27%, 66%
XYZ	32.4145, 37.0918, 23.8534
YIQ	160.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

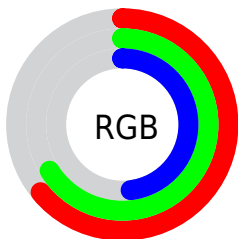
Format	Color
RYB	122, 168, 128
Decimal	10659962
CIELab	67.35, -9.92, 23.13
CIELCh	67, 25.170, 113.208
Yxy	37.0918, 0.3472, 0.3973
Android (android.graphics.Color)	4288850042 (0xFFA2A87A)
YUV	160.9620, -19.2083, 0.9103
Hunter-Lab	60.9030, -11.5771, 19.4105

Details

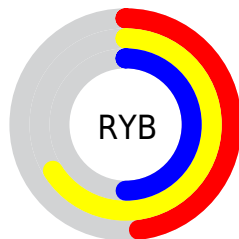
The Yxy color **37.0918, 0.3472, 0.3973** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.3266, 0.2722, 0.2533**, and the grayscale version is **35.7089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6222, 0.3405, 0.3833**, and **16.2868, 0.3569, 0.4189** is the 20% darker color. If you saturate the color by 10%, you get **36.4850, 0.3594, 0.4226**, and if you desaturate by 10%, it is **37.7779, 0.3346, 0.3718**.

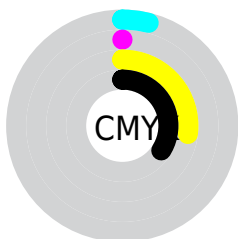
Distribution



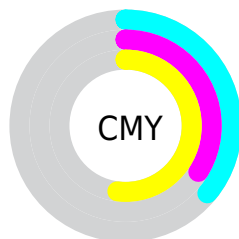
- Red (64%)
- Green (66%)
- Blue (48%)



- Red (48%)
- Yellow (66%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)





- Cyan (36%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0918, 0.3472, 0.3973 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 37.0918, 0.3472, 0.3973 by changing the saturation by 10% instead.


 37.0918, 0.3472,
0.3973


 37.0918, 0.3472,
0.3973


333.7078, 0.3299,
0.3612


 25.2786, 0.3515,
0.4069


 70.7140, 0.3409,
0.3838

 16.2847, 0.3568,
0.4195


 93.2917, 0.3386,
0.3788

 9.7259, 0.3637,
0.4368


 120.2263, 0.3366,
0.3747

 5.2176, 0.3727,
0.4618

151.9024, 0.3348,
0.3712

 2.3755, 0.3901,
0.5086

188.7041, 0.3333,
0.3682

 0.8132, 0.3949,
0.6051

231.0160, 0.3320,

 0.0000, 0.0000,

0.3655

0.0000

279.2224, 0.3309,
0.3633

■ 37.0918, 0.3472,
0.3973

■ 37.0918, 0.3472,
0.3973

■ 36.4850, 0.3594,
0.4226

■ 37.7779, 0.3346,
0.3718

■ 35.9487, 0.3706,
0.4469

■ 38.5419, 0.3219,
0.3468

■ 35.4807, 0.3803,
0.4691


■ 39.3885, 0.3095,
0.3229

■ 35.0765, 0.3880,
0.4883


■ 40.3209, 0.2977,
0.3005

■ 34.7309, 0.3933,
0.5036


■ 41.3419, 0.2866,
0.2797

 34.4381, 0.3962,
0.5147


 42.4543, 0.2762,
0.2606

 34.1890, 0.3967,
0.5216

 43.6607, 0.2667,
0.2432

 34.1270, 0.3967,
0.5232

 44.8747, 0.2587,
0.2287

 45.1389, 0.2603,
0.2291

Harmonies

Analogous

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



37.0918, 0.3765, 0.3864



37.0918, 0.3472, 0.3973



37.0918, 0.3098, 0.3876

Triad

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



37.0918, 0.3472, 0.3973



37.0918, 0.2422, 0.2899



37.0918, 0.3502, 0.3011

Complementary

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



37.0918, 0.3472, 0.3973



21.3266, 0.2722, 0.2533

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.



37.0918, 0.3120, 0.2787



37.0918, 0.3472, 0.3973



37.0918, 0.2513, 0.2711

Square

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



37.0918, 0.3472, 0.3973



37.0918, 0.2504, 0.3217



37.0918, 0.2761, 0.2677



37.0918, 0.3789, 0.3306

Rectangle

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



37.0918, 0.3472, 0.3973



37.0918, 0.2855, 0.3699



37.0918, 0.2761, 0.2677



37.0918, 0.3379, 0.2926

Sweetspot

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



37.0935, 0.3472, 0.3973



69.8260, 0.3228, 0.3486



24.9971, 0.3684, 0.3374



15.1733, 0.3247, 0.3522



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.



37.0935, 0.3472, 0.3973



66.6054, 0.3548, 0.4131



34.9542, 0.3253, 0.4023



8.7235, 0.3243, 0.3514



25.7851, 0.3969, 0.5230



0.6406, 0.4048, 0.5168

Inverse Universe

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



21.3266, 0.2722, 0.2533



33.0811, 0.2612, 0.2333



23.2575, 0.2961, 0.2582



7.3457, 0.3005, 0.3058



2.2763, 0.1558, 0.0632



0.0691, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 37.0918, 0.3472, 0.3973 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 37.0918, 0.3472, 0.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

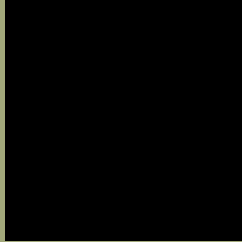
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0918, 0.3472, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 37.0918, 0.3472, 0.3973.



This preview shows how white text looks on a background with the Yxy color 37.0918, 0.3472, 0.3973.

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

37.0918, 0.3472, 0.3973

Protanopia

37.1371, 0.3646, 0.3916

Deuteranopia

36.9066, 0.3815, 0.3735



Tritanopia

36.9807, 0.3089, 0.3108

Trichromacy



Original Color

37.0918, 0.3472, 0.3973

Protanomaly

36.9487, 0.3582, 0.3927

Deuteranomaly

36.8649, 0.3692, 0.3822

Tritanomaly

37.0245, 0.3225, 0.3420

Monochromacy



Original Color

37.0918, 0.3472, 0.3973

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.2346, 0.3249, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0918, 0.3472, 0.3973 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(162, 168, 122)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 122)  
}
```

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(162, 168, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 122) }
```

Border

The CSS property to change the border of an element to Yxy 37.0918, 0.3472, 0.3973 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(162, 168, 122) }
```

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

```
.border{ border-color:rgb(162, 168, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 168, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 122);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0918, 0.3472, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 122) }
```

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

```
.background{ background-color: rgb(162,  
168, 122) }
```

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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