

Converting Colors

Yxy(37.9720, 0.3681, 0.4419)

Have a look what the booklet for
Yxy(37.9720, 0.3681, 0.4419)
contains.

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Color

Yxy(37.9946, 0.3686, 0.4422)

Conversions

Conversions Part 1

Format	Color
Hex	A2AC5E
RGB	162, 172, 94
RGB Percent	64%, 67%, 37%
CMY	0.3648, 0.3255, 0.6313
CMYK	0.06, 0.00, 0.45, 0.33
HSL	68°, 32%, 52%
HSV	68°, 45%, 67%
XYZ	31.6708, 37.9946, 16.2564
YIQ	160.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

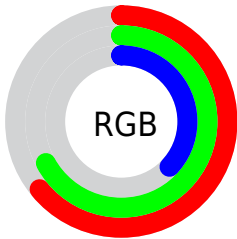
Format	Color
RYB	94, 172, 104
Decimal	10660958
CIELab	68.02, -15.50, 38.76
CIELCh	68, 41.741, 111.801
Yxy	37.9946, 0.3686, 0.4422
Android (android.graphics.Color)	4288851038 (0xFFA2AC5E)
YUV	160.1180, -32.5962, 1.6505
Hunter-Lab	61.6398, -16.1556, 27.5111

Details

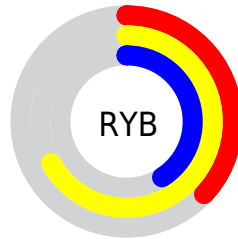
The Yxy color **37.9946, 0.3686, 0.4422** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.9318, 0.2387, 0.1937**, and the grayscale version is **35.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9189, 0.3594, 0.4198**, and **16.8736, 0.3813, 0.4767** is the 20% darker color. If you saturate the color by 10%, you get **37.4916, 0.3787, 0.4649**, and if you desaturate by 10%, it is **38.5740, 0.3571, 0.4176**.

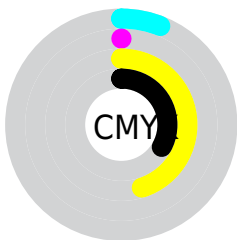
Distribution



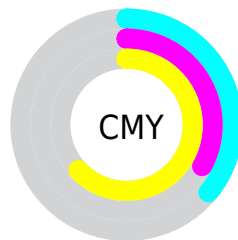
- Red (64%)
- Green (67%)
- Blue (37%)



- Red (37%)
- Yellow (67%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9946, 0.3686, 0.4422 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 37.9946, 0.3686, 0.4422 by changing the saturation by 10% instead.

 37.9946, 0.3686,
0.4422


 37.9946, 0.3686,
0.4422

337.5968, 0.3418,
0.3829


 25.9785, 0.3744,
0.4574


 72.0999, 0.3594,
0.4202


 16.8076, 0.3811,
0.4770

 94.9578, 0.3558,
0.4121

 10.0974, 0.3885,
0.5026


 122.1985, 0.3526,
0.4052

 5.4636, 0.3961,
0.5382

 154.2063, 0.3499,
0.3994

 2.5217, 0.4047,
0.5953

191.3657, 0.3475,
0.3944

 0.8875, 0.3439,
0.6561

234.0609, 0.3454,

 0.0000, 0.0000,

0.3901

0.0000

282.6765, 0.3435,
0.3862

■ 37.9946, 0.3686,
0.4422

■ 37.9946, 0.3686,
0.4422

■ 37.4916, 0.3787,
0.4649

■ 38.5740, 0.3571,
0.4176

■ 37.0551, 0.3869,
0.4847

■ 39.2287, 0.3448,
0.3921

■ 36.6816, 0.3927,
0.5008


■ 39.9644, 0.3320,
0.3666

■ 36.3651, 0.3961,
0.5127

■ 40.7848, 0.3194,
0.3418

■ 36.0981, 0.3970,
0.5202

■ 41.6931, 0.3070,
0.3182

 35.9826, 0.3970,
0.5230

 42.6926, 0.2953,
0.2960

 43.7863, 0.2843,
0.2755

 44.9772, 0.2740,
0.2567

 46.2678, 0.2646,
0.2396

Harmonies

Analogous

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



37.9946, 0.4166, 0.4174



37.9946, 0.3686, 0.4422



37.9946, 0.3082, 0.4312

Triad

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



37.9946, 0.3686, 0.4422



37.9946, 0.2020, 0.2652



37.9946, 0.3710, 0.2823

Complementary

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



37.9946, 0.3686, 0.4422



13.9318, 0.2387, 0.1937

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.



37.9946, 0.3072, 0.2492



37.9946, 0.3686, 0.4422



37.9946, 0.2145, 0.2372

Square

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



37.9946, 0.3686, 0.4422



37.9946, 0.2146, 0.3171



37.9946, 0.2509, 0.2328



37.9946, 0.4207, 0.3263

Rectangle

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



37.9946, 0.3686, 0.4422



37.9946, 0.2694, 0.4013



37.9946, 0.2509, 0.2328



37.9946, 0.3501, 0.2697

Sweetspot

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



37.9963, 0.3686, 0.4422



72.6482, 0.3306, 0.3639



19.3027, 0.4248, 0.3431



15.7239, 0.3333, 0.3692



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.



37.9963, 0.3686, 0.4422



68.0396, 0.3783, 0.4641



34.5953, 0.3316, 0.4575



9.2772, 0.3244, 0.3515



26.7905, 0.3972, 0.5228



0.7595, 0.4044, 0.5171

Inverse Universe

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



13.9318, 0.2387, 0.1937



19.0567, 0.2198, 0.1613



16.7469, 0.2812, 0.2082



7.8047, 0.3005, 0.3057



2.3585, 0.1557, 0.0631



0.0807, 0.1761, 0.0744

Previews

White Background



This preview shows how the Yxy color 37.9946, 0.3686, 0.4422 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 37.9946, 0.3686, 0.4422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

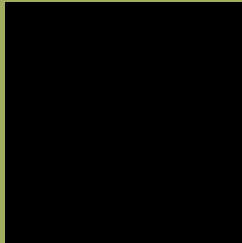
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9946, 0.3686, 0.4422

Background



This preview shows how black text looks on a background with the Yxy color 37.9946, 0.3686, 0.4422.



This preview shows how white text looks on a background with the Yxy color 37.9946, 0.3686, 0.4422.

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

37.9946, 0.3686, 0.4422

Protanopia

37.9902, 0.3940, 0.4294

Deuteranopia

37.7343, 0.4147, 0.4067



Tritanopia

37.9475, 0.3098, 0.3124

Trichromacy



Original Color

37.9946, 0.3686, 0.4422

Protanomaly

37.9095, 0.3848, 0.4334

Deuteranomaly

37.6037, 0.3978, 0.4190

Tritanomaly

37.6726, 0.3322, 0.3579

Monochromacy



Original Color

37.9946, 0.3686, 0.4422

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.9056, 0.3348, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9946, 0.3686, 0.4422 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, 172, 94)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 94)  
}
```

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, 172, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 94) }
```

Border

The CSS property to change the border of an element to Yxy 37.9946, 0.3686, 0.4422 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, 172, 94) }
```

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

```
.border{ border-color:rgb(162, 172, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 94);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
94) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.9946, 0.3686, 0.4422$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 94) }
```

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

```
.background{ background-color: rgb(162,  
172, 94) }
```

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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