

Converting Colors

$Yxy(36.9280, 0.3797, 0.4973)$

Have a look what the booklet for
Yxy(36.9280, 0.3797, 0.4973)
contains.

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Color

Yxy(36.9280, 0.3797, 0.4973)

Conversions

Conversions Part 1

Format	Color
Hex	95AE36
RGB	149, 174, 54
RGB Percent	58%, 68%, 21%
CMY	0.4157, 0.3176, 0.7882
CMYK	0.14, 0.00, 0.69, 0.32
HSL	73°, 53%, 45%
HSV	73°, 69%, 68%
XYZ	28.1954, 36.9280, 9.1336
YIQ	152.8450, 23.6200, -42.6200

Conversions

Conversions Part 2

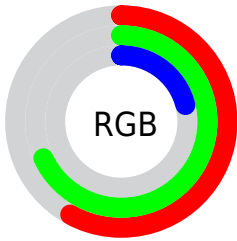
Format	Color
RYB	54, 174, 79
Decimal	9809462
CIELab	67.22, -25.26, 55.94
CIELCh	67, 61.375, 114.299
Yxy	36.9280, 0.3797, 0.4973
Android (android.graphics.Color)	4287999542 (0xFF95AE36)
YUV	152.8450, -48.7306, -3.3721
Hunter-Lab	60.7684, -23.5241, 33.6265

Details

The Yxy color **36.9280, 0.3797, 0.4973** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.3601, 0.2019, 0.1219**, and the grayscale version is **31.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7981, 0.3711, 0.4654**, and **16.3520, 0.3820, 0.5349** is the 20% darker color. If you saturate the color by 10%, you get **36.4584, 0.3833, 0.5136**, and if you desaturate by 10%, it is **37.4700, 0.3737, 0.4771**.

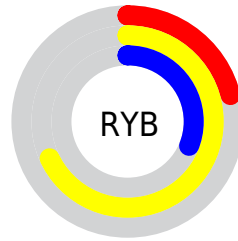
Distribution



Red (58%)

Green (68%)

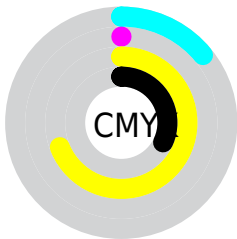
Blue (21%)



Red (21%)

Yellow (68%)

Blue (31%)

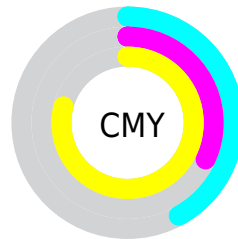


Cyan (14%)

Magenta (0%)

Yellow (69%)

Black (32%)



Cyan (42%)


Magenta (32%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9280, 0.3797, 0.4973 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 36.9280, 0.3797, 0.4973 by changing the saturation by 10% instead.


 36.9280, 0.3797,
0.4973


 36.9280, 0.3797,
0.4973


332.9987, 0.3511,
0.4095

 25.1517, 0.3838,
0.5186


 70.4620, 0.3712,
0.4654


 16.1902, 0.3868,
0.5448


 92.9886, 0.3674,
0.4533


 9.6588, 0.3873,
0.5782


 119.8674, 0.3639,
0.4431

 5.1733, 0.3804,
0.6196

 151.4828, 0.3608,
0.4344

 2.3493, 0.3469,
0.6531

 188.2193, 0.3580,
0.4269

 0.7996, 0.1522,
0.8478

 230.4612, 0.3554,

 0.0000, 0.0000,

0.4204

0.0000

278.5928, 0.3532,
0.4146

■ 36.9280, 0.3797,
0.4973

■ 36.9280, 0.3797,
0.4973

■ 36.4584, 0.3833,
0.5136

■ 37.4700, 0.3737,
0.4771

■ 36.0496, 0.3843,
0.5254

■ 38.0852, 0.3657,
0.4538

■ 35.6909, 0.3832,
0.5333

■ 38.7803, 0.3561,
0.4286

■ 35.6546, 0.3831,
0.5341

■ 39.5597, 0.3454,
0.4024

■ 40.4278, 0.3342,
0.3762

■ 41.3884, 0.3228,
0.3508

■ 42.4450, 0.3116,
0.3265

■ 43.6012, 0.3008,
0.3039

■ 44.8602, 0.2905,
0.2830

Harmonies

Analogous

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



36.9280, 0.4532, 0.4533



36.9280, 0.3797, 0.4973



36.9280, 0.2936, 0.4838

Triad

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



36.9280, 0.3797, 0.4973



36.9280, 0.1591, 0.2295



36.9280, 0.4055, 0.2662

Complementary

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



36.9280, 0.3797, 0.4973



7.3601, 0.2019, 0.1219

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.



36.9280, 0.3101, 0.2208



36.9280, 0.3797, 0.4973



36.9280, 0.1785, 0.1977

Square

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



36.9280, 0.3797, 0.4973



36.9280, 0.1710, 0.2992



36.9280, 0.2291, 0.1965



36.9280, 0.4771, 0.3250

Rectangle

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



36.9280, 0.3797, 0.4973



36.9280, 0.2401, 0.4335



36.9280, 0.2291, 0.1965



36.9280, 0.3741, 0.2491

Sweetspot

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



36.9297, 0.3797, 0.4973



72.9311, 0.3369, 0.3825



14.7170, 0.5110, 0.3607



16.1140, 0.3400, 0.3896



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.9297, 0.3797, 0.4973



65.7051, 0.3841, 0.5207



32.7154, 0.3256, 0.5321



9.2447, 0.3232, 0.3516



25.8844, 0.3835, 0.5337



0.7410, 0.3950, 0.5246

Inverse Universe

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



7.3601, 0.2019, 0.1219



8.5805, 0.1776, 0.0861



11.1004, 0.2711, 0.1548



7.8347, 0.3017, 0.3058



2.5136, 0.1617, 0.0664



0.0925, 0.1909, 0.0825

Previews

White Background



This preview shows how the Yxy color 36.9280, 0.3797, 0.4973 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 36.9280, 0.3797, 0.4973 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 36.9280, 0.3797, 0.4973

Background



This preview shows how black text looks on a background with the Yxy color 36.9280, 0.3797, 0.4973.



This preview shows how white text looks on a background with the Yxy color 36.9280, 0.3797, 0.4973.

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

36.9280, 0.3797, 0.4973

Protanopia

36.8572, 0.4242, 0.4681

Deuteranopia

36.6170, 0.4482, 0.4381



Tritanopia

36.9709, 0.3015, 0.3119

Trichromacy



Original Color

36.9280, 0.3797, 0.4973

Protanomaly

36.9111, 0.4078, 0.4791

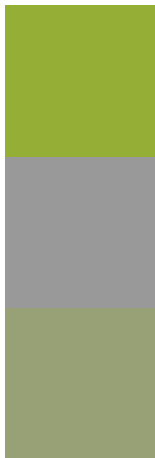
Deuteranomaly

36.3365, 0.4232, 0.4597

Tritanomaly

36.4442, 0.3346, 0.3832

Monochromacy



Original Color

36.9280, 0.3797, 0.4973

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.4495, 0.3436, 0.3977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9280, 0.3797, 0.4973 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(149, 174, 54)` looks like.

```
.text, #text, p{  
    color:rgb(149, 174, 54)  
}
```

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(149, 174, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 174, 54) }
```

Border

The CSS property to change the border of an element to Yxy 36.9280, 0.3797, 0.4973 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(149, 174, 54) }
```

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

```
.border{ border-color:rgb(149, 174, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 174, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 174, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 174, 54);  
box-shadow:4px 4px 4px 4px rgb(149, 174,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9280, 0.3797, 0.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 174, 54) }
```

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

```
.background{ background-color: rgb(149,  
174, 54) }
```

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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