

Converting Colors

$Yxy(41.2797, 0.3487, 0.3910)$

Have a look what the booklet for
Yxy(41.2797, 0.3487, 0.3910)
contains.

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Color

Yxy(41.2973, 0.3490, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	AEAF83
RGB	174, 175, 131
RGB Percent	68%, 69%, 51%
CMY	0.3177, 0.3137, 0.4863
CMYK	0.01, 0.00, 0.25, 0.31
HSL	61°, 22%, 60%
HSV	61°, 25%, 69%
XYZ	36.8801, 41.2973, 27.4963
YIQ	169.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

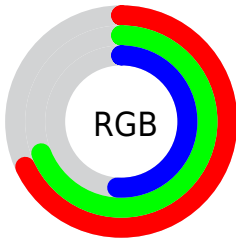
Format	Color
RYB	131, 175, 132
Decimal	11448195
CIELab	70.38, -7.66, 22.52
CIELCh	70, 23.787, 108.774
Yxy	41.2973, 0.3490, 0.3908
Android (android.graphics.Color)	4289638275 (0xFFAEAF83)
YUV	169.6850, -19.0717, 3.7843
Hunter-Lab	64.2630, -10.0201, 19.6156

Details

The Yxy color **41.2973, 0.3490, 0.3908** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2318, 0.2713, 0.2592**, and the grayscale version is **40.1250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8773, 0.3428, 0.3787**, and **18.8249, 0.3590, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **40.8177, 0.3633, 0.4153**, and if you desaturate by 10%, it is **41.8609, 0.3344, 0.3659**.

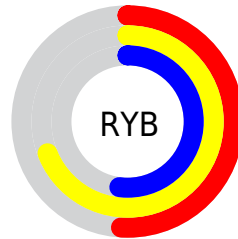
Distribution



Red (68%)

Green (69%)

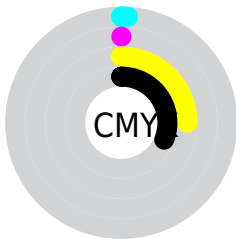
Blue (51%)



Red (51%)

Yellow (69%)

Blue (52%)

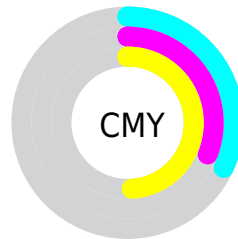


Cyan (1%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (32%)


Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2973, 0.3490, 0.3908 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 41.2973, 0.3490, 0.3908 by changing the saturation by 10% instead.

 41.2973, 0.3490,
0.3908


 41.2973, 0.3490,
0.3908


351.5616, 0.3309,
0.3589


 28.5515, 0.3534,
0.3990


 77.1350, 0.3425,
0.3790

 18.7418, 0.3590,
0.4098


 100.9957, 0.3400,
0.3746

 11.4838, 0.3663,
0.4242


 129.3300, 0.3379,
0.3709

 6.3933, 0.3759,
0.4446

162.5225, 0.3361,
0.3678

 3.0857, 0.3888,
0.4753

200.9575, 0.3346,
0.3651

 1.1766, 0.4354,
0.5646

245.0195, 0.3332,

 0.0425, 0.0000,

0.3628

1.0000

295.0927, 0.3320,
0.3607

0.0000, 0.0000,
0.0000

41.2973, 0.3490,
0.3908

41.2973, 0.3490,
0.3908

40.8177, 0.3633,
0.4153

41.8609, 0.3344,
0.3659

40.4124, 0.3767,
0.4385

42.5068, 0.3200,
0.3413

40.0791, 0.3887,
0.4594


43.2401, 0.3060,
0.3177

39.8128, 0.3988,
0.4772


44.0644, 0.2928,
0.2953


39.6082, 0.4065,
0.4912


44.9826, 0.2805,
0.2745

 39.4591, 0.4117,
0.5009

 45.9977, 0.2691,
0.2553

 39.3576, 0.4145,
0.5065

 47.1128, 0.2586,
0.2378

 39.3170, 0.4153,
0.5084

 47.2567, 0.2580,
0.2365

 47.3043, 0.2583,
0.2365

Harmonies

Analogous

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



41.2973, 0.3737, 0.3789



41.2973, 0.3490, 0.3908



41.2973, 0.3154, 0.3846

Triad

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



41.2973, 0.3490, 0.3908



41.2973, 0.2482, 0.2971



41.2973, 0.3421, 0.2999

Complementary

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



41.2973, 0.3490, 0.3908



24.2318, 0.2713, 0.2592

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.



41.2973, 0.3070, 0.2806



41.2973, 0.3490, 0.3908



41.2973, 0.2543, 0.2778

Square

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



41.2973, 0.3490, 0.3908



41.2973, 0.2581, 0.3275



41.2973, 0.2752, 0.2724



41.2973, 0.3701, 0.3265

Rectangle

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



41.2973, 0.3490, 0.3908



41.2973, 0.2927, 0.3702



41.2973, 0.2752, 0.2724



41.2973, 0.3306, 0.2924

Sweetspot

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



41.2991, 0.3490, 0.3908



75.7587, 0.3243, 0.3486



27.1812, 0.3644, 0.3302



16.7993, 0.3264, 0.3522



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.



41.2991, 0.3490, 0.3908



73.4775, 0.3567, 0.4041



39.0026, 0.3285, 0.3951



9.3206, 0.3259, 0.3514



28.1572, 0.4154, 0.5084



0.7862, 0.4167, 0.5074

Inverse Universe

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



24.2318, 0.2713, 0.2592



37.8120, 0.2610, 0.2417



26.1695, 0.2931, 0.2633



7.7657, 0.2989, 0.3056



2.2390, 0.1509, 0.0605



0.0651, 0.1549, 0.0627

Previews

White Background



This preview shows how the Yxy color 41.2973, 0.3490, 0.3908 looks on a white background.

Color Contrast Check

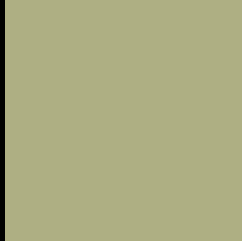
Large Text (above 18pt) WCAG AA × Fail

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 41.2973, 0.3490, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

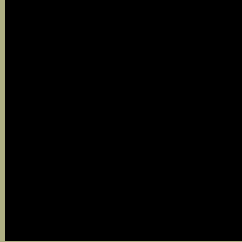
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2973, 0.3490, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 41.2973, 0.3490, 0.3908.



This preview shows how white text looks on a background with the Yxy color 41.2973, 0.3490, 0.3908.

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

41.2973, 0.3490, 0.3908

Protanopia

41.3071, 0.3606, 0.3863

Deuteranopia

41.1603, 0.3784, 0.3704



Tritanopia

41.2064, 0.3127, 0.3105

Trichromacy



Original Color

41.2973, 0.3490, 0.3908

Protanomaly

41.2021, 0.3563, 0.3884

Deuteranomaly

41.2483, 0.3677, 0.3784

Tritanomaly

41.2351, 0.3259, 0.3400

Monochromacy



Original Color

41.2973, 0.3490, 0.3908

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5633, 0.3253, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2973, 0.3490, 0.3908 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(174, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 131)  
}
```

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(174, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 41.2973, 0.3490, 0.3908 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(174, 175, 131) }
```

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

```
.border{ border-color:rgb(174, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2973, 0.3490, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 131) }
```

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

```
.background{ background-color: rgb(174,  
175, 131) }
```

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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