

Converting Colors

$Yxy(34.7409, 0.3482, 0.3805)$

Have a look what the booklet for
Yxy(34.7409, 0.3482, 0.3805)
contains.

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Color

Yxy(34.5405, 0.3481, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	A4A07E
RGB	164, 160, 126
RGB Percent	64%, 63%, 49%
CMY	0.3568, 0.3726, 0.5060
CMYK	0.00, 0.02, 0.23, 0.36
HSL	54°, 17%, 57%
HSV	54°, 23%, 64%
XYZ	31.6492, 34.5405, 24.7302
YIQ	157.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

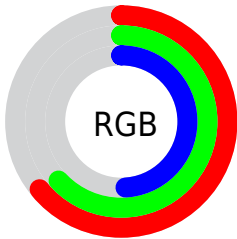
Format	Color
RYB	130, 164, 126
Decimal	10788990
CIELab	65.39, -4.26, 18.30
CIELCh	65, 18.789, 103.093
Yxy	34.5405, 0.3481, 0.3799
Android (android.graphics.Color)	4288979070 (0xFFA4A07E)
YUV	157.3200, -15.4408, 5.8584
Hunter-Lab	58.7712, -6.7243, 16.1913

Details

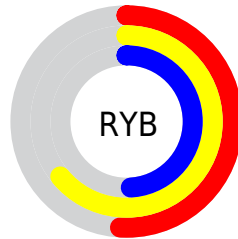
The Yxy color **34.5405, 0.3481, 0.3799** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.0824, 0.2748, 0.2724**, and the grayscale version is **33.9365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9156, 0.3408, 0.3699**, and **14.9178, 0.3588, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **33.5550, 0.3641, 0.4021**, and if you desaturate by 10%, it is **35.6069, 0.3324, 0.3576**.

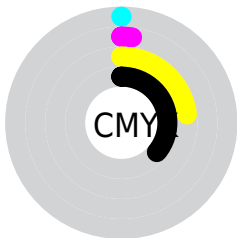
Distribution



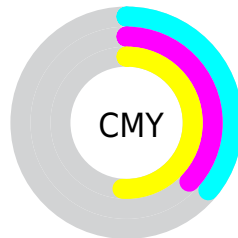
- Red (64%)
- Green (63%)
- Blue (49%)



- Red (51%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (36%)




- Cyan (36%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5405, 0.3481, 0.3799 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 34.5405, 0.3481, 0.3799 by changing the saturation by 10% instead.


 34.5405, 0.3481,
0.3799


 34.5405, 0.3481,
0.3799


322.5354, 0.3297,
0.3530


 23.3091, 0.3529,
0.3871


 66.7733, 0.3413,
0.3698

 14.8219, 0.3591,
0.3966


 88.5435, 0.3388,
0.3661

 8.6945, 0.3674,
0.4097


 114.5955, 0.3367,
0.3630

 4.5425, 0.3792,
0.4289

145.3137, 0.3349,
0.3604

 1.9814, 0.4009,
0.4642

181.0823, 0.3333,
0.3581

 0.5966, 0.4370,
0.5630

222.2859, 0.3320,

 0.0000, 0.0000,

0.3562

0.0000

269.3088, 0.3308,
0.3545

■ 34.5405, 0.3481,
0.3799

■ 34.5405, 0.3481,
0.3799

■ 33.5550, 0.3641,
0.4021

■ 35.6069, 0.3324,
0.3576

■ 32.6425, 0.3798,
0.4235

■ 36.7527, 0.3173,
0.3358

■ 31.8006, 0.3948,
0.4432

■ 37.9826, 0.3032,
0.3149

■ 31.0254, 0.4084,
0.4601

■ 39.2993, 0.2900,
0.2953

■ 30.3124, 0.4200,
0.4735

■ 40.7055, 0.2779,
0.2771

■ 29.6563, 0.4291,
0.4828

■ 42.2038, 0.2669,
0.2603

■ 29.0510, 0.4356,
0.4878

■ 43.7966, 0.2569,
0.2449

■ 28.6582, 0.4390,
0.4896

■ 45.3438, 0.2491,
0.2330

■ 46.0184, 0.2494,
0.2351

Harmonies

Analogous

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



34.5405, 0.3664, 0.3680



34.5405, 0.3481, 0.3799



34.5405, 0.3208, 0.3774

Triad

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



34.5405, 0.3481, 0.3799



34.5405, 0.2587, 0.3068



34.5405, 0.3321, 0.3007

Complementary

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



34.5405, 0.3481, 0.3799



23.0824, 0.2748, 0.2724

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.



34.5405, 0.3026, 0.2858



34.5405, 0.3481, 0.3799



34.5405, 0.2613, 0.2882

Square

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



34.5405, 0.3481, 0.3799



34.5405, 0.2698, 0.3333



34.5405, 0.2770, 0.2810



34.5405, 0.3572, 0.3226

Rectangle

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



34.5405, 0.3481, 0.3799



34.5405, 0.3014, 0.3672



34.5405, 0.2770, 0.2810



34.5405, 0.3223, 0.2948

Sweetspot

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



34.5420, 0.3481, 0.3799



65.8534, 0.3232, 0.3443



24.4347, 0.3538, 0.3222



14.3718, 0.3240, 0.3455



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.5420, 0.3481, 0.3799



61.7063, 0.3566, 0.3918



34.4969, 0.3322, 0.3883



8.1086, 0.3264, 0.3489



22.0076, 0.4388, 0.4898



0.4966, 0.4309, 0.4961

Inverse Universe

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



23.0824, 0.2748, 0.2724



37.0978, 0.2649, 0.2573



23.2223, 0.2896, 0.2682



6.9751, 0.2987, 0.3083



2.4078, 0.1525, 0.0691



0.0842, 0.1630, 0.1069

Previews

White Background



This preview shows how the Yxy color 34.5405, 0.3481, 0.3799 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 34.5405, 0.3481, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

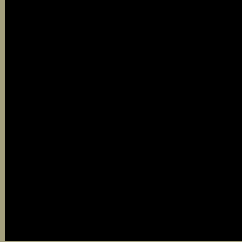
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

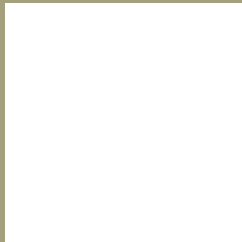
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5405, 0.3481, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 34.5405, 0.3481, 0.3799.



This preview shows how white text looks on a background with the Yxy color 34.5405, 0.3481, 0.3799.

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

34.5405, 0.3481, 0.3799

Protanopia

34.3694, 0.3549, 0.3777

Deuteranopia

34.3293, 0.3711, 0.3627



Tritanopia

34.3362, 0.3156, 0.3105

Trichromacy



Original Color

34.5405, 0.3481, 0.3799

Protanomaly

34.4924, 0.3524, 0.3795

Deuteranomaly

34.3221, 0.3624, 0.3693

Tritanomaly

34.2594, 0.3274, 0.3349

Monochromacy



Original Color

34.5405, 0.3481, 0.3799

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0026, 0.3257, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5405, 0.3481, 0.3799 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(164, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(164, 160, 126)  
}
```

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(164, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 160, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.5405, 0.3481, 0.3799 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(164, 160, 126) }
```

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

```
.border{ border-color:rgb(164, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 160, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 160, 126); box-shadow:4px 4px 4px 4px rgb(164, 160, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5405, 0.3481, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 160, 126) }
```

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

```
.background{ background-color: rgb(164,  
160, 126) }
```

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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