

Converting Colors

$Y_{xy}(34.7121, 0.3839, 0.4434)$

Have a look what the booklet for
Yxy(34.7121, 0.3839, 0.4434)
contains.

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Color

Yxy(34.7270, 0.3835, 0.4438)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4A354 |
| RGB | 164, 163, 84 |
| RGB Percent | 64%, 64%, 33% |
| CMY | 0.3568, 0.3608, 0.6705 |
| CMYK | 0.00, 0.01, 0.49, 0.36 |
| HSL | 59°, 32%, 49% |
| HSV | 59°, 49%, 64% |
| XYZ | 30.0086, 34.7270, 13.5136 |
| YIQ | 154.2930, 25.9550, -24.3570 |

Conversions

Conversions Part 2

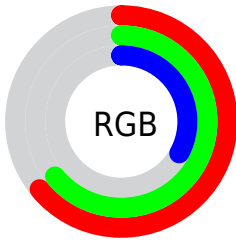
| Format | Color |
|-------------------------------------|--|
| RYB | 85, 164, 84 |
| Decimal | 10789716 |
| CIELab | 65.54, -10.98, 40.82 |
| CIELCh | 66, 42.268, 105.059 |
| Yxy | 34.7270, 0.3835, 0.4438 |
| Android (android.graphics.Color) | 4288979796 (0xFFA4A354) |
| YUV | 154.2930, -34.6544, 8.5130 |
| Hunter-Lab | 58.9296, -12.2298, 27.6545 |

Details

The Yxy color **34.7270, 0.3835, 0.4438** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.0677, 0.2223, 0.1808**, and the grayscale version is **32.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1077, 0.3712, 0.4225**, and **15.0247, 0.3992, 0.4788** is the 20% darker color. If you saturate the color by 10%, you get **34.4280, 0.3955, 0.4631**, and if you desaturate by 10%, it is **35.0894, 0.3699, 0.4219**.

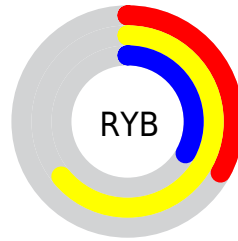
Distribution



Red (64%)

Green (64%)

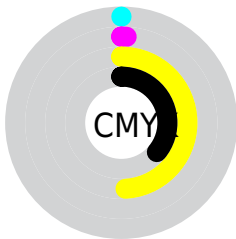
Blue (33%)



Red (33%)

Yellow (64%)

Blue (33%)

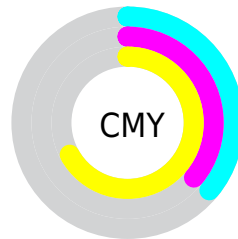


Cyan (0%)

Magenta (1%)

Yellow (49%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7270, 0.3835, 0.4438 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 34.7270, 0.3835, 0.4438 by changing the saturation by 10% instead.


 34.7270, 0.3835,
0.4438


 34.7270, 0.3835,
0.4438


323.3617, 0.3487,
0.3837


 23.4527, 0.3913,
0.4590


 67.0626, 0.3713,
0.4216


 14.9281, 0.4004,
0.4783


 88.8927, 0.3666,
0.4134

 8.7689, 0.4106,
0.5029


 115.0102, 0.3625,
0.4064

 4.5908, 0.4284,
0.5450

 145.7994, 0.3590,
0.4005

 2.0092, 0.4247,
0.5753

 181.6447, 0.3559,
0.3954

 0.6128, 0.3391,
0.6609

222.9306, 0.3532,

 0.0000, 0.0000,

0.3910

0.0000

270.0415, 0.3508,
0.3871

■ 34.7270, 0.3835,
0.4438

■ 34.7270, 0.3835,
0.4438

■ 34.4280, 0.3955,
0.4631

■ 35.0894, 0.3699,
0.4219

■ 34.1835, 0.4056,
0.4791

■ 35.5144, 0.3553,
0.3983

■ 33.9902, 0.4132,
0.4910


■ 36.0071, 0.3404,
0.3740


■ 33.8425, 0.4182,
0.4988


■ 36.5707, 0.3254,
0.3498

■ 33.7295, 0.4212,
0.5031

■ 37.2083, 0.3110,
0.3261

 33.7161, 0.4215,
0.5035

 37.9228, 0.2972,
0.3036

 38.7169, 0.2843,
0.2826

 39.5932, 0.2724,
0.2631

 40.5542, 0.2615,
0.2452

Harmonies

Analogous

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



34.7270, 0.4286, 0.4114



34.7270, 0.3835, 0.4438



34.7270, 0.3221, 0.4425

Triad

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



34.7270, 0.3835, 0.4438



34.7270, 0.1984, 0.2724



34.7270, 0.3588, 0.2714

Complementary

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



34.7270, 0.3835, 0.4438



11.0677, 0.2223, 0.1808

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.



34.7270, 0.2923, 0.2407



34.7270, 0.3835, 0.4438



34.7270, 0.2057, 0.2378

Square

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



34.7270, 0.3835, 0.4438



34.7270, 0.2173, 0.3310



34.7270, 0.2379, 0.2282



34.7270, 0.4163, 0.3150

Rectangle

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



34.7270, 0.3835, 0.4438



34.7270, 0.2804, 0.4172



34.7270, 0.2379, 0.2282



34.7270, 0.3364, 0.2595

Sweetspot

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



34.7286, 0.3835, 0.4438



65.6974, 0.3351, 0.3655



14.8991, 0.4424, 0.3273



14.3196, 0.3381, 0.3704



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.



34.7286, 0.3835, 0.4438



62.4244, 0.3970, 0.4655



31.5788, 0.3428, 0.4629



8.2220, 0.3262, 0.3509



25.8562, 0.4215, 0.5036



0.5478, 0.4206, 0.5042

Inverse Universe

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



11.0677, 0.2223, 0.1808



14.1435, 0.1990, 0.1423



13.2126, 0.2649, 0.1945



6.8735, 0.2987, 0.3061



2.0946, 0.1503, 0.0610



0.0480, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 34.7270, 0.3835, 0.4438 looks on a white background.

Color Contrast Check

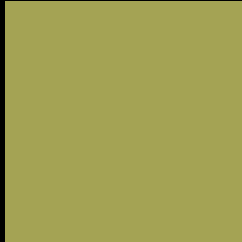
Large Text (above 18pt) WCAG AA × Fail

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 34.7270, 0.3835, 0.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

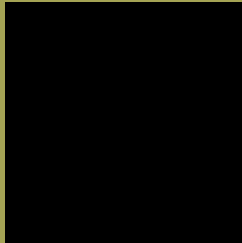
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7270, 0.3835, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 34.7270, 0.3835, 0.4438.



This preview shows how white text looks on a background with the Yxy color 34.7270, 0.3835, 0.4438.

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

34.7270, 0.3835, 0.4438

Protanopia

34.5348, 0.3987, 0.4352

Deuteranopia

34.7467, 0.4218, 0.4134



Tritanopia

34.7486, 0.3204, 0.3121

Trichromacy



Original Color

34.7270, 0.3835, 0.4438

Protanomaly

34.4241, 0.3937, 0.4383

Deuteranomaly

34.6392, 0.4080, 0.4239

Tritanomaly

34.4376, 0.3456, 0.3598

Monochromacy



Original Color

34.7270, 0.3835, 0.4438

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9680, 0.3398, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7270, 0.3835, 0.4438 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, 163, 84)` looks like.

```
.text, #text, p{  
    color:rgb(164, 163, 84)  
}
```

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, 163, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 163, 84) }
```

Border

The CSS property to change the border of an element to Yxy 34.7270, 0.3835, 0.4438 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, 163, 84) }
```

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

```
.border{ border-color:rgb(164, 163, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 163, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 163, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 163, 84);  
box-shadow:4px 4px 4px 4px rgb(164, 163,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7270, 0.3835, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 163, 84) }
```

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

```
.background{ background-color: rgb(164,  
163, 84) }
```

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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