

Converting Colors

$Yxy(34.5466, 0.3859, 0.4247)$

Have a look what the booklet for
Yxy(34.5466, 0.3859, 0.4247)
contains.

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Color

Yxy(34.5899, 0.3854, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	ABA05D
RGB	171, 160, 93
RGB Percent	67%, 63%, 36%
CMY	0.3295, 0.3725, 0.6352
CMYK	0.00, 0.06, 0.46, 0.33
HSL	52°, 32%, 52%
HSV	52°, 46%, 67%
XYZ	31.3374, 34.5899, 15.3841
YIQ	155.6510, 28.0630, -18.5050

Conversions

Conversions Part 2

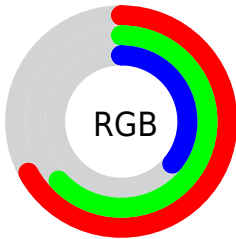
Format	Color
RYB	106, 171, 93
Decimal	11247709
CIELab	65.43, -5.57, 36.23
CIElCh	65, 36.650, 98.734
Yxy	34.5899, 0.3854, 0.4254
Android (android.graphics.Color)	4289437789 (0xFFABA05D)
YUV	155.6510, -30.8869, 13.4611
Hunter-Lab	58.8132, -7.8129, 25.6604

Details

The Yxy color **34.5899, 0.3854, 0.4254** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1633, 0.2318, 0.2091**, and the grayscale version is **33.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1392, 0.3720, 0.4068**, and **14.9086, 0.4042, 0.4539** is the 20% darker color. If you saturate the color by 10%, you get **33.4960, 0.4010, 0.4440**, and if you desaturate by 10%, it is **35.7708, 0.3690, 0.4049**.

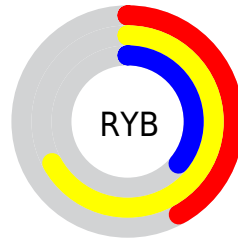
Distribution



Red (67%)

Green (63%)

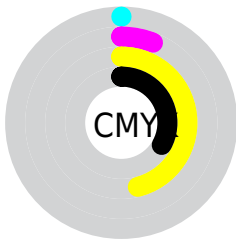
Blue (36%)



Red (42%)

Yellow (67%)

Blue (36%)

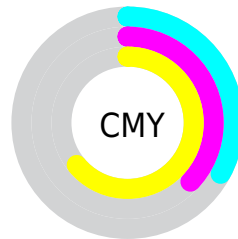


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5899, 0.3854, 0.4254 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 34.5899, 0.3854, 0.4254 by changing the saturation by 10% instead.

 34.5899, 0.3854,
0.4254


 34.5899, 0.3854,
0.4254

322.7545, 0.3487,
0.3753


 23.3471, 0.3942,
0.4381


 66.8500, 0.3722,
0.4070

 14.8500, 0.4050,
0.4541


 88.6361, 0.3672,
0.4001

 8.7142, 0.4182,
0.4748


 114.7054, 0.3629,
0.3943

 4.5552, 0.4363,
0.5047

 145.4424, 0.3593,
0.3893

 1.9888, 0.4560,
0.5440

181.2314, 0.3561,
0.3851

 0.6009, 0.4201,
0.5799

222.4568, 0.3533,

 0.0000, 0.0000,

0.3814

0.0000

269.5030, 0.3509,
0.3781

■ 34.5899, 0.3854,
0.4254

■ 34.5899, 0.3854,
0.4254

■ 33.4960, 0.4010,
0.4440

■ 35.7708, 0.3690,
0.4049

■ 32.4797, 0.4152,
0.4598

■ 37.0383, 0.3525,
0.3834

■ 31.5374, 0.4273,
0.4718

■ 38.3977, 0.3364,
0.3618

■ 30.6631, 0.4368,
0.4796

■ 39.8527, 0.3210,
0.3405

■ 29.8490, 0.4437,
0.4830

■ 41.4068, 0.3065,
0.3202

■ 29.5019, 0.4463,
0.4838

■ 43.0632, 0.2930,
0.3010

■ 44.8248, 0.2807,
0.2831

■ 46.6947, 0.2696,
0.2666

■ 48.6755, 0.2595,
0.2515

Harmonies

Analogous

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



34.5899, 0.4193, 0.3946



34.5899, 0.3854, 0.4254



34.5899, 0.3337, 0.4299

Triad

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



34.5899, 0.3854, 0.4254



34.5899, 0.2135, 0.2898



34.5899, 0.3409, 0.2714

Complementary

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



34.5899, 0.3854, 0.4254



15.1633, 0.2318, 0.2091

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.



34.5899, 0.2839, 0.2470



34.5899, 0.3854, 0.4254



34.5899, 0.2149, 0.2539

Square

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



34.5899, 0.3854, 0.4254



34.5899, 0.2356, 0.3438



34.5899, 0.2393, 0.2401



34.5899, 0.3938, 0.3086

Rectangle

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



34.5899, 0.3854, 0.4254



34.5899, 0.2965, 0.4130



34.5899, 0.2393, 0.2401



34.5899, 0.3214, 0.2616

Sweetspot

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



34.5915, 0.3854, 0.4254



69.1334, 0.3343, 0.3589



17.5005, 0.4137, 0.3115



15.2986, 0.3376, 0.3634



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.



34.5915, 0.3854, 0.4254



59.9392, 0.4016, 0.4447



35.8077, 0.3516, 0.4499



9.1353, 0.3266, 0.3483



22.3055, 0.4460, 0.4841



0.6722, 0.4368, 0.4914

Inverse Universe

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



15.1633, 0.2318, 0.2091



20.6855, 0.2114, 0.1766



14.7855, 0.2568, 0.1993



7.9322, 0.2986, 0.3089



2.7585, 0.1536, 0.0729



0.1317, 0.1653, 0.1151

Previews

White Background



This preview shows how the Yxy color 34.5899, 0.3854, 0.4254 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 34.5899, 0.3854, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

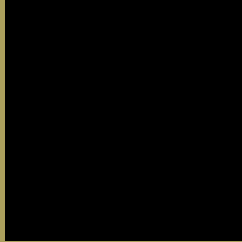
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5899, 0.3854, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 34.5899, 0.3854, 0.4254.



This preview shows how white text looks on a background with the Yxy color 34.5899, 0.3854, 0.4254.

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

34.5899, 0.3854, 0.4254

Protanopia

34.5853, 0.3893, 0.4230

Deuteranopia

34.6202, 0.4124, 0.4047



Tritanopia

34.6018, 0.3276, 0.3123

Trichromacy



Original Color

34.5899, 0.3854, 0.4254

Protanomaly

34.4708, 0.3882, 0.4234

Deuteranomaly

34.5651, 0.4028, 0.4125

Tritanomaly

34.3916, 0.3494, 0.3536

Monochromacy



Original Color

34.5899, 0.3854, 0.4254

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.3845, 0.3391, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5899, 0.3854, 0.4254 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(171, 160, 93)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 93)  
}
```

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(171, 160, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 93) }
```

Border

The CSS property to change the border of an element to Yxy 34.5899, 0.3854, 0.4254 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(171, 160, 93) }
```

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

```
.border{ border-color:rgb(171, 160, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 93);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5899, 0.3854, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 93) }
```

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

```
.background{ background-color: rgb(171,  
160, 93) }
```

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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