

Converting Colors

$Yxy(34.2817, 0.3756, 0.4299)$

Have a look what the booklet for
Yxy(34.2817, 0.3756, 0.4299)
contains.

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Color

Yxy(34.4175, 0.3758, 0.4311)

Conversions

Conversions Part 1

Format	Color
Hex	A3A25D
RGB	163, 162, 93
RGB Percent	64%, 64%, 36%
CMY	0.3607, 0.3647, 0.6353
CMYK	0.00, 0.01, 0.43, 0.36
HSL	59°, 28%, 50%
HSV	59°, 43%, 64%
XYZ	30.0025, 34.4175, 15.4164
YIQ	154.4330, 22.7450, -21.2470

Conversions

Conversions Part 2

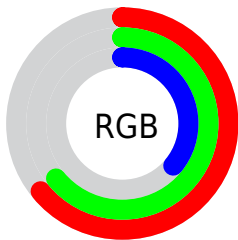
Format	Color
RYB	94, 163, 93
Decimal	10723933
CIELab	65.29, -9.96, 35.92
CIELCh	65, 37.273, 105.494
Yxy	34.4175, 0.3758, 0.4311
Android (android.graphics.Color)	4288914013 (0xFFA3A25D)
YUV	154.4330, -30.2865, 7.5133
Hunter-Lab	58.6664, -11.3797, 25.4862

Details

The Yxy color **34.4175, 0.3758, 0.4311** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.9793, 0.2347, 0.2013**, and the grayscale version is **32.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7301, 0.3641, 0.4109**, and **14.8657, 0.3925, 0.4642** is the 20% darker color. If you saturate the color by 10%, you get **34.0771, 0.3888, 0.4520**, and if you desaturate by 10%, it is **34.8228, 0.3615, 0.4082**.

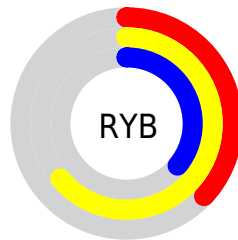
Distribution



Red (64%)

Green (64%)

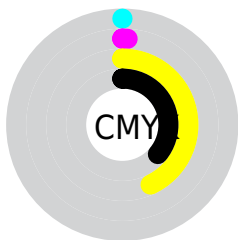
Blue (36%)



Red (37%)

Yellow (64%)

Blue (36%)

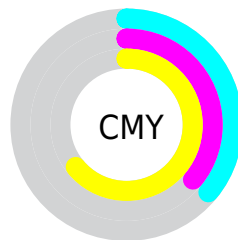


Cyan (0%)

Magenta (1%)

Yellow (43%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4175, 0.3758, 0.4311 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 34.4175, 0.3758, 0.4311 by changing the saturation by 10% instead.


 34.4175, 0.3758,
0.4311


 34.4175, 0.3758,
0.4311

321.9897, 0.3443,
0.3773


 23.2145, 0.3832,
0.4450


 66.5824, 0.3646,
0.4111


 14.7520, 0.3921,
0.4629


 88.3131, 0.3603,
0.4037

 8.6455, 0.4026,
0.4864


 114.3218, 0.3566,
0.3975

 4.5107, 0.4168,
0.5211

 144.9930, 0.3535,
0.3922

 1.9631, 0.4302,
0.5698

180.7109, 0.3507,
0.3877

 0.5859, 0.3488,
0.6512

221.8601, 0.3483,

 0.0000, 0.0000,

0.3838

0.0000

268.8249, 0.3462,
0.3803

■ 34.4175, 0.3758,
0.4311

■ 34.4175, 0.3758,
0.4311

■ 34.0771, 0.3888,
0.4520

■ 34.8228, 0.3615,
0.4082

■ 33.7929, 0.4002,
0.4700

■ 35.2918, 0.3467,
0.3841

■ 33.5621, 0.4092,
0.4843

■ 35.8295, 0.3317,
0.3598

■ 33.3797, 0.4159,
0.4945

■ 36.4389, 0.3170,
0.3359

■ 33.2395, 0.4199,
0.5006

■ 37.1230, 0.3029,
0.3129

■ 33.1561, 0.4218,
0.5033

■ 37.8845, 0.2896,
0.2913

■ 38.7261, 0.2773,
0.2712

■ 39.6501, 0.2659,
0.2526

■ 40.6590, 0.2556,
0.2357

Harmonies

Analogous

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



34.4175, 0.4157, 0.4042



34.4175, 0.3758, 0.4311



34.4175, 0.3211, 0.4280

Triad

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



34.4175, 0.3758, 0.4311



34.4175, 0.2100, 0.2788



34.4175, 0.3546, 0.2780

Complementary

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



34.4175, 0.3758, 0.4311



12.9793, 0.2347, 0.2013

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.



34.4175, 0.2958, 0.2499



34.4175, 0.3758, 0.4311



34.4175, 0.2169, 0.2474

Square

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



34.4175, 0.3758, 0.4311



34.4175, 0.2272, 0.3306



34.4175, 0.2466, 0.2385



34.4175, 0.4048, 0.3178

Rectangle

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



34.4175, 0.3758, 0.4311



34.4175, 0.2839, 0.4053



34.4175, 0.2466, 0.2385



34.4175, 0.3349, 0.2671

Sweetspot

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



34.4191, 0.3758, 0.4311



64.1248, 0.3321, 0.3605



16.4272, 0.4196, 0.3275



14.3540, 0.3353, 0.3656



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.



34.4191, 0.3758, 0.4311



61.0159, 0.3889, 0.4520



31.6708, 0.3401, 0.4459



8.2196, 0.3262, 0.3509



25.7691, 0.4218, 0.5033



0.5466, 0.4208, 0.5040

Inverse Universe

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



12.9793, 0.2347, 0.2013



17.2749, 0.2136, 0.1667



14.9725, 0.2721, 0.2116



6.8756, 0.2987, 0.3061



2.1009, 0.1503, 0.0612



0.0488, 0.1519, 0.0669

Previews

White Background



This preview shows how the Yxy color 34.4175, 0.3758, 0.4311 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 34.4175, 0.3758, 0.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

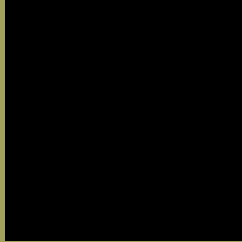
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4175, 0.3758, 0.4311

Background



This preview shows how black text looks on a background with the Yxy color 34.4175, 0.3758, 0.4311.



This preview shows how white text looks on a background with the Yxy color 34.4175, 0.3758, 0.4311.

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

34.4175, 0.3758, 0.4311

Protanopia

34.5677, 0.3901, 0.4243

Deuteranopia

34.1659, 0.4121, 0.4038



Tritanopia

34.5223, 0.3185, 0.3120

Trichromacy



Original Color

34.4175, 0.3758, 0.4311

Protanomaly

34.4604, 0.3852, 0.4271

Deuteranomaly

34.0746, 0.3985, 0.4140

Tritanomaly

34.3029, 0.3406, 0.3555

Monochromacy



Original Color

34.4175, 0.3758, 0.4311

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9480, 0.3359, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4175, 0.3758, 0.4311 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(163, 162, 93)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 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(163, 162, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 93) }
```

Border

The CSS property to change the border of an element to Yxy 34.4175, 0.3758, 0.4311 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(163, 162, 93) }
```

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

```
.border{ border-color:rgb(163, 162, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 162, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 162, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 162, 93);  
box-shadow:4px 4px 4px 4px rgb(163, 162,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4175, 0.3758, 0.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 93) }
```

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

```
.background{ background-color: rgb(163,  
162, 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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