

Converting Colors

$Yxy(34.3663, 0.3431, 0.3722)$

Have a look what the booklet for
Yxy(34.3663, 0.3431, 0.3722)
contains.

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Color

Yxy(34.2215, 0.3426, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	A39F83
RGB	163, 159, 131
RGB Percent	64%, 62%, 51%
CMY	0.3607, 0.3765, 0.4862
CMYK	0.00, 0.02, 0.20, 0.36
HSL	52°, 15%, 58%
HSV	52°, 20%, 64%
XYZ	31.6018, 34.2215, 26.4179
YIQ	157.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

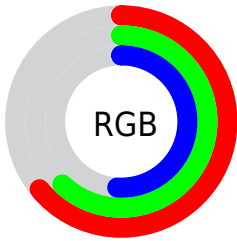
Format	Color
RYB	136, 163, 131
Decimal	10723203
CIELab	65.14, -3.35, 15.15
CIELCh	65, 15.517, 102.453
Yxy	34.2215, 0.3426, 0.3710
Android (android.graphics.Color)	4288913283 (0xFFA39F83)
YUV	157.0040, -12.8200, 5.2585
Hunter-Lab	58.4991, -5.9459, 14.1744

Details

The Yxy color **34.2215, 0.3426, 0.3710** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8078, 0.2813, 0.2832**, and the grayscale version is **33.7756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4593, 0.3367, 0.3632**, and **14.7138, 0.3512, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **33.1176, 0.3587, 0.3929**, and if you desaturate by 10%, it is **35.4096, 0.3270, 0.3493**.

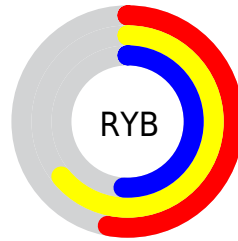
Distribution



Red (64%)

Green (62%)

Blue (51%)



Red (53%)

Yellow (64%)

Blue (51%)

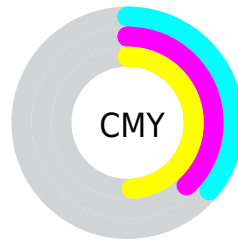


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2215, 0.3426, 0.3710 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 34.2215, 0.3426, 0.3710 by changing the saturation by 10% instead.


 34.2215, 0.3426,
0.3710


 34.2215, 0.3426,
0.3710


321.1186, 0.3270,
0.3488

 23.0638, 0.3467,
0.3770


 66.2780, 0.3368,
0.3626

 14.6406, 0.3521,
0.3849


 87.9455, 0.3346,
0.3596

 8.5676, 0.3594,
0.3958


 113.8852, 0.3329,
0.3570

 4.4602, 0.3698,
0.4120

144.4813, 0.3313,
0.3549

 1.9342, 0.3870,
0.4392

180.1184, 0.3300,
0.3530

 0.5688, 0.4466,
0.5534

221.1806, 0.3289,

 0.0000, 0.0000,

0.3514

0.0000

268.0526, 0.3279,
0.3500

■ 34.2215, 0.3426,
0.3710

■ 34.2215, 0.3426,
0.3710

■ 33.1176, 0.3587,
0.3929

■ 35.4096, 0.3270,
0.3493

■ 32.0901, 0.3749,
0.4143

■ 36.6805, 0.3122,
0.3282

■ 31.1369, 0.3907,
0.4344

■ 38.0385, 0.2984,
0.3083

■ 30.2542, 0.4053,
0.4522

■ 39.4865, 0.2856,
0.2896

■ 29.4376, 0.4183,
0.4667

■ 41.0271, 0.2740,
0.2723

■ 28.6823, 0.4290,
0.4773

■ 42.6626, 0.2634,
0.2563

■ 27.9827, 0.4370,
0.4836

■ 44.3957, 0.2539,
0.2418

■ 27.3262, 0.4428,
0.4864

■ 45.8076, 0.2487,
0.2346

■ 27.3021, 0.4430,
0.4864

■ 46.6118, 0.2490,
0.2371

Harmonies

Analogous

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



34.2215, 0.3574, 0.3613



34.2215, 0.3426, 0.3710



34.2215, 0.3201, 0.3690

Triad

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



34.2215, 0.3426, 0.3710



34.2215, 0.2678, 0.3113



34.2215, 0.3283, 0.3051

Complementary

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



34.2215, 0.3426, 0.3710



24.8078, 0.2813, 0.2832

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.



34.2215, 0.3039, 0.2926



34.2215, 0.3426, 0.3710



34.2215, 0.2697, 0.2954

Square

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



34.2215, 0.3426, 0.3710



34.2215, 0.2773, 0.3332



34.2215, 0.2826, 0.2890



34.2215, 0.3491, 0.3234

Rectangle

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



34.2215, 0.3426, 0.3710



34.2215, 0.3039, 0.3607



34.2215, 0.2826, 0.2890



34.2215, 0.3202, 0.3001

Sweetspot

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



34.2230, 0.3426, 0.3710



64.1877, 0.3217, 0.3418



25.7821, 0.3455, 0.3225



14.3854, 0.3226, 0.3431



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.



34.2230, 0.3426, 0.3710



60.3089, 0.3503, 0.3816



34.4443, 0.3298, 0.3785



8.0849, 0.3264, 0.3485



21.2605, 0.4428, 0.4866



0.4863, 0.4332, 0.4942

Inverse Universe

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



24.8078, 0.2813, 0.2832



40.0181, 0.2727, 0.2703



24.6990, 0.2931, 0.2782



6.9965, 0.2987, 0.3087



2.4954, 0.1532, 0.0713



0.0918, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 34.2215, 0.3426, 0.3710 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 34.2215, 0.3426, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

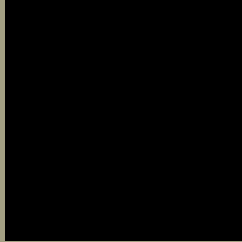
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

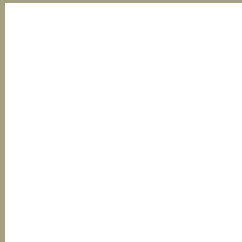
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2215, 0.3426, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 34.2215, 0.3426, 0.3710.



This preview shows how white text looks on a background with the Yxy color 34.2215, 0.3426, 0.3710.

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

34.2215, 0.3426, 0.3710

Protanopia

34.2809, 0.3480, 0.3706

Deuteranopia

34.0675, 0.3638, 0.3574



Tritanopia

34.1892, 0.3155, 0.3119

Trichromacy



Original Color

34.2215, 0.3426, 0.3710

Protanomaly

34.1724, 0.3469, 0.3707

Deuteranomaly

34.2226, 0.3554, 0.3623

Tritanomaly

34.1838, 0.3254, 0.3334

Monochromacy



Original Color

34.2215, 0.3426, 0.3710

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9628, 0.3228, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2215, 0.3426, 0.3710 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, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 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(163, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 131) }
```

Border

The CSS property to change the border of an element to Yxy 34.2215, 0.3426, 0.3710 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, 159, 131) }
```

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

```
.border{ border-color:rgb(163, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(163, 159,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2215, 0.3426, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 131) }
```

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

```
.background{ background-color: rgb(163,  
159, 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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