

Converting Colors

$Yxy(34.1355, 0.3618, 0.3923)$

Have a look what the booklet for
Yxy(34.1355, 0.3618, 0.3923)
contains.

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Color

Yxy(33.9302, 0.3613, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	A79E74
RGB	167, 158, 116
RGB Percent	65%, 62%, 45%
CMY	0.3452, 0.3804, 0.5451
CMYK	0.00, 0.05, 0.31, 0.35
HSL	49°, 22%, 55%
HSV	49°, 31%, 65%
XYZ	31.3129, 33.9302, 21.4241
YIQ	155.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

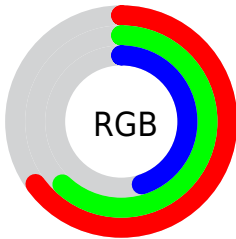
Format	Color
RYB	127, 167, 116
Decimal	10985076
CIELab	64.91, -3.41, 23.17
CIElCh	65, 23.418, 98.373
Yxy	33.9302, 0.3613, 0.3915
Android (android.graphics.Color)	4289175156 (0xFFA79E74)
YUV	155.9030, -19.6722, 9.7321
Hunter-Lab	58.2496, -5.9819, 18.9680

Details

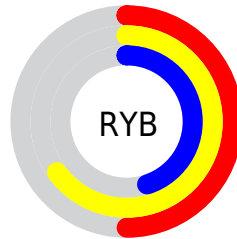
The Yxy color **33.9302, 0.3613, 0.3915** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1649, 0.2617, 0.2576**, and the grayscale version is **33.2833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1036, 0.3523, 0.3800**, and **14.4980, 0.3761, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **32.5867, 0.3783, 0.4119**, and if you desaturate by 10%, it is **35.3706, 0.3446, 0.3706**.

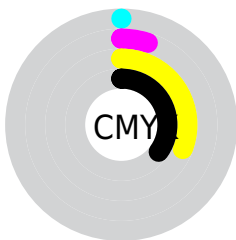
Distribution



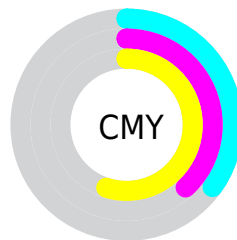
- Red (65%)
- Green (62%)
- Blue (45%)



- Red (50%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (35%)





- Cyan (35%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9302, 0.3613, 0.3915 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 33.9302, 0.3613, 0.3915 by changing the saturation by 10% instead.


 33.9302, 0.3613,
0.3915


 33.9302, 0.3613,
0.3915


319.8207, 0.3361,
0.3586

 22.8400, 0.3678,
0.4002


 65.8251, 0.3520,
0.3792

 14.4754, 0.3762,
0.4116


 87.3986, 0.3485,
0.3746

 8.4520, 0.3874,
0.4272


 113.2353, 0.3456,
0.3708

 4.3855, 0.4027,
0.4492

143.7196, 0.3431,
0.3676

 1.8915, 0.4457,
0.5069

179.2359, 0.3410,
0.3649

 0.5432, 0.4436,
0.5564

220.1686, 0.3391,

 0.0000, 0.0000,

0.3625

0.0000

266.9020, 0.3375,
0.3604

■ 33.9302, 0.3613,
0.3915

■ 33.9302, 0.3613,
0.3915

■ 32.5867, 0.3783,
0.4119

■ 35.3706, 0.3446,
0.3706

■ 31.3316, 0.3952,
0.4310

■ 36.9069, 0.3285,
0.3500

■ 30.1622, 0.4111,
0.4478

■ 38.5440, 0.3135,
0.3300

■ 29.0737, 0.4255,
0.4614

■ 40.2852, 0.2995,
0.3111

■ 28.0609, 0.4376,
0.4710

■ 42.1335, 0.2868,
0.2934

■ 27.1173, 0.4470,
0.4762

■ 44.0917, 0.2752,
0.2770

■ 26.2742, 0.4539,
0.4778

■ 46.1627, 0.2647,
0.2619

■ 48.3491, 0.2552,
0.2480

■ 49.9046, 0.2527,
0.2462

Harmonies

Analogous

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



33.9302, 0.3820, 0.3735



33.9302, 0.3613, 0.3915



33.9302, 0.3281, 0.3922

Triad

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



33.9302, 0.3613, 0.3915



33.9302, 0.2468, 0.3054



33.9302, 0.3310, 0.2904

Complementary

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



33.9302, 0.3613, 0.3915



21.1649, 0.2617, 0.2576

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.



33.9302, 0.2942, 0.2738



33.9302, 0.3613, 0.3915



33.9302, 0.2474, 0.2806

Square

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



33.9302, 0.3613, 0.3915



33.9302, 0.2627, 0.3397



33.9302, 0.2641, 0.2699



33.9302, 0.3644, 0.3161

Rectangle

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



33.9302, 0.3613, 0.3915



33.9302, 0.3038, 0.3813



33.9302, 0.2641, 0.2699



33.9302, 0.3185, 0.2837

Sweetspot

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



33.9317, 0.3613, 0.3915



66.5039, 0.3264, 0.3472



22.1959, 0.3672, 0.3147



14.7924, 0.3286, 0.3501



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.9317, 0.3613, 0.3915



59.0472, 0.3735, 0.4062



35.4553, 0.3415, 0.4077



8.5459, 0.3266, 0.3475



20.1743, 0.4535, 0.4781



0.5480, 0.4405, 0.4884

Inverse Universe

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



21.1649, 0.2617, 0.2576



32.3032, 0.2482, 0.2376



20.1998, 0.2768, 0.2457



7.5061, 0.2986, 0.3098



2.8750, 0.1550, 0.0781



0.1299, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 33.9302, 0.3613, 0.3915 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 33.9302, 0.3613, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

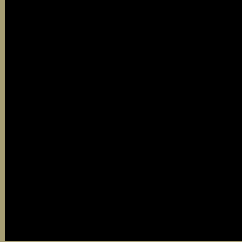
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9302, 0.3613, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 33.9302, 0.3613, 0.3915.



This preview shows how white text looks on a background with the Yxy color 33.9302, 0.3613, 0.3915.

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

33.9302, 0.3613, 0.3915

Protanopia

33.8099, 0.3639, 0.3897

Deuteranopia

33.8567, 0.3839, 0.3765



Tritanopia

34.0210, 0.3225, 0.3121

Trichromacy



Original Color

33.9302, 0.3613, 0.3915

Protanomaly

33.6997, 0.3628, 0.3899

Deuteranomaly

33.9793, 0.3749, 0.3819

Tritanomaly

33.8757, 0.3366, 0.3392

Monochromacy



Original Color

33.9302, 0.3613, 0.3915

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5106, 0.3305, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9302, 0.3613, 0.3915 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(167, 158, 116)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 116)  
}
```

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(167, 158, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 116) }
```

Border

The CSS property to change the border of an element to Yxy 33.9302, 0.3613, 0.3915 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(167, 158, 116) }
```

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

```
.border{ border-color:rgb(167, 158, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 116);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9302, 0.3613, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 116) }
```

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

```
.background{ background-color: rgb(167,  
158, 116) }
```

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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