

Converting Colors

$Yxy(34.8556, 0.3674, 0.3936)$

Have a look what the booklet for
Yxy(34.8556, 0.3674, 0.3936)
contains.

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Color

Yxy(34.8047, 0.3672, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	AC9F73
RGB	172, 159, 115
RGB Percent	67%, 62%, 45%
CMY	0.3253, 0.3765, 0.5490
CMYK	0.00, 0.08, 0.33, 0.33
HSL	46°, 26%, 56%
HSV	46°, 33%, 67%
XYZ	32.5115, 34.8047, 21.2228
YIQ	157.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

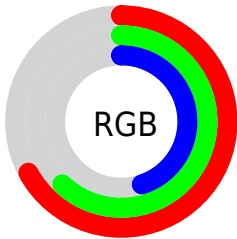
Format	Color
RYB	132, 172, 115
Decimal	11313011
CIELab	65.60, -2.03, 24.72
CIELCh	66, 24.806, 94.692
Yxy	34.8047, 0.3672, 0.3931
Android (android.graphics.Color)	4289503091 (0xFFAC9F73)
YUV	157.8710, -21.1354, 12.3911
Hunter-Lab	58.9955, -4.8735, 19.9681

Details

The Yxy color **34.8047, 0.3672, 0.3931** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.0735, 0.2573, 0.2553**, and the grayscale version is **34.2231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3771, 0.3568, 0.3814**, and **15.0404, 0.3842, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **33.1150, 0.3853, 0.4123**, and if you desaturate by 10%, it is **36.6146, 0.3496, 0.3734**.

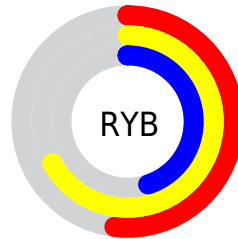
Distribution



Red (67%)

Green (62%)

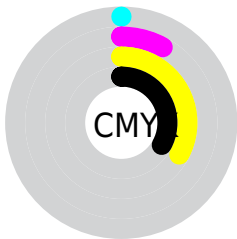
Blue (45%)



Red (52%)

Yellow (67%)

Blue (45%)

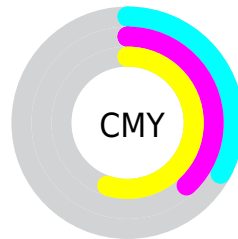


Cyan (0%)

Magenta (8%)

Yellow (33%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8047, 0.3672, 0.3931 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 34.8047, 0.3672, 0.3931 by changing the saturation by 10% instead.

 34.8047, 0.3672,
0.3931


 34.8047, 0.3672,
0.3931


323.7054, 0.3390,
0.3596

 23.5125, 0.3744,
0.4018


 67.1831, 0.3568,
0.3806


 14.9724, 0.3837,
0.4131


 89.0381, 0.3529,
0.3760

 8.8000, 0.3961,
0.4283


 115.1827, 0.3497,
0.3722

 4.6110, 0.4129,
0.4495

 146.0015, 0.3469,
0.3689

 2.0209, 0.4581,
0.5041

181.8788, 0.3445,
0.3661

 0.6195, 0.4654,
0.5346

223.1989, 0.3424,

 0.0000, 0.0000,

0.3637

0.0000

270.3463, 0.3406,
0.3615

■ 34.8047, 0.3672,
0.3931

■ 34.8047, 0.3672,
0.3931

■ 33.1150, 0.3853,
0.4123

■ 36.6146, 0.3496,
0.3734

■ 31.5361, 0.4033,
0.4300

■ 38.5441, 0.3329,
0.3538

■ 30.0648, 0.4205,
0.4452

■ 40.5986, 0.3174,
0.3348

■ 28.6956, 0.4362,
0.4571

■ 42.7820, 0.3031,
0.3168

■ 27.4223, 0.4495,
0.4648


■ 45.0977, 0.2900,
0.2999


 26.2374, 0.4601,
0.4678

 47.5490, 0.2783,
0.2842

 25.4667, 0.4662,
0.4680

 50.1392, 0.2677,
0.2698

 52.8713, 0.2582,
0.2565

 54.7560, 0.2574,
0.2589

Harmonies

Analogous

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



34.8047, 0.3869, 0.3723



34.8047, 0.3672, 0.3931



34.8047, 0.3334, 0.3966

Triad

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



34.8047, 0.3672, 0.3931



34.8047, 0.2448, 0.3082



34.8047, 0.3271, 0.2859

Complementary

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



34.8047, 0.3672, 0.3931



22.0735, 0.2573, 0.2553

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.



34.8047, 0.2888, 0.2700



34.8047, 0.3672, 0.3931



34.8047, 0.2433, 0.2806

Square

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



34.8047, 0.3672, 0.3931



34.8047, 0.2633, 0.3448



34.8047, 0.2588, 0.2676



34.8047, 0.3633, 0.3117

Rectangle

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



34.8047, 0.3672, 0.3931



34.8047, 0.3079, 0.3869



34.8047, 0.2588, 0.2676



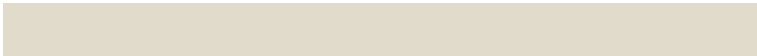
34.8047, 0.3139, 0.2793

Sweetspot

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



34.8063, 0.3672, 0.3931



70.9770, 0.3282, 0.3481



22.6022, 0.3701, 0.3091



15.3168, 0.3303, 0.3507



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.



34.8063, 0.3672, 0.3931



60.7765, 0.3808, 0.4077



37.9071, 0.3467, 0.4143



9.0149, 0.3268, 0.3464



19.0283, 0.4656, 0.4685



0.6046, 0.4491, 0.4816

Inverse Universe

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



22.0735, 0.2573, 0.2553



34.0225, 0.2432, 0.2351



20.0030, 0.2699, 0.2366



8.0434, 0.2986, 0.3110



3.3838, 0.1575, 0.0870



0.1756, 0.1734, 0.1442

Previews

White Background



This preview shows how the Yxy color 34.8047, 0.3672, 0.3931 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 34.8047, 0.3672, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

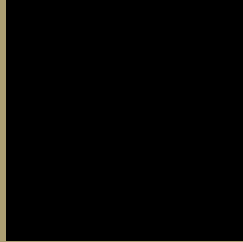
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8047, 0.3672, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 34.8047, 0.3672, 0.3931.



This preview shows how white text looks on a background with the Yxy color 34.8047, 0.3672, 0.3931.

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

34.8047, 0.3672, 0.3931

Protanopia

34.6920, 0.3661, 0.3934

Deuteranopia

34.8622, 0.3872, 0.3799



Tritanopia

34.9278, 0.3274, 0.3138

Trichromacy



Original Color

34.8047, 0.3672, 0.3931

Protanomaly

34.6920, 0.3661, 0.3934

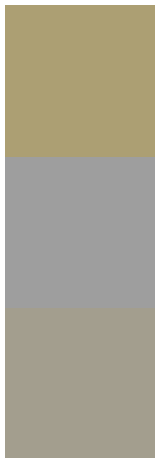
Deuteranomaly

34.7709, 0.3797, 0.3838

Tritanomaly

34.7481, 0.3426, 0.3419

Monochromacy



Original Color

34.8047, 0.3672, 0.3931

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1932, 0.3324, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8047, 0.3672, 0.3931 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(172, 159, 115)` looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 115)  
}
```

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(172, 159, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 115) }
```

Border

The CSS property to change the border of an element to Yxy 34.8047, 0.3672, 0.3931 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(172, 159, 115) }
```

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

```
.border{ border-color:rgb(172, 159, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 159, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 115);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8047, 0.3672, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 159, 115) }
```

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

```
.background{ background-color: rgb(172,  
159, 115) }
```

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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