

Converting Colors

$Yxy(34.0592, 0.3923, 0.4273)$

Have a look what the booklet for
Yxy(34.0592, 0.3923, 0.4273)
contains.

Yxy(34.0592, 0.3923, 0.4273)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.0592, 0.3923, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	AD9E59
RGB	173, 158, 89
RGB Percent	68%, 62%, 35%
CMY	0.3214, 0.3804, 0.6509
CMYK	0.00, 0.09, 0.49, 0.32
HSL	49°, 34%, 51%
HSV	49°, 49%, 68%
XYZ	31.2694, 34.0592, 14.3793
YIQ	154.6190, 31.0890, -18.2790

Conversions

Conversions Part 2

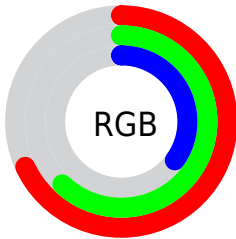
Format	Color
RYB	107, 173, 89
Decimal	11378265
CIELab	65.01, -4.01, 37.82
CIELCh	65, 38.035, 96.054
Yxy	34.0592, 0.3923, 0.4273
Android (android.graphics.Color)	4289568345 (0xFFAD9E59)
YUV	154.6190, -32.3502, 16.1201
Hunter-Lab	58.3603, -6.4902, 26.2438

Details

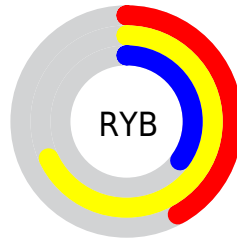
The Yxy color **34.0592, 0.3923, 0.4273** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0539, 0.2269, 0.2055**, and the grayscale version is **32.7392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8034, 0.3783, 0.4087**, and **14.5905, 0.4145, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **32.7600, 0.4086, 0.4446**, and if you desaturate by 10%, it is **35.4565, 0.3753, 0.4079**.

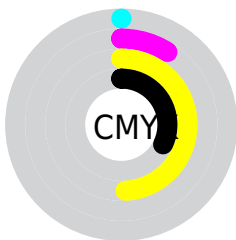
Distribution



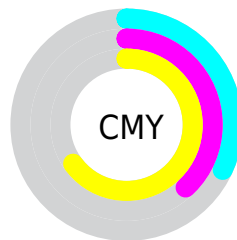
- Red (68%)
- Green (62%)
- Blue (35%)



- Red (42%)
- Yellow (68%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (32%)





- Cyan (32%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0592, 0.3923, 0.4273 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 34.0592, 0.3923, 0.4273 by changing the saturation by 10% instead.


 34.0592, 0.3923,
0.4273


 34.0592, 0.3923,
0.4273


 320.3959, 0.3520,
0.3765


 22.9391, 0.4019,
0.4400


 66.0257, 0.3778,
0.4087


 14.5485, 0.4138,
0.4559


 87.6409, 0.3723,
0.4017


 8.5032, 0.4281,
0.4760


 113.5232, 0.3676,
0.3958


 4.4186, 0.4501,
0.5073

 144.0571, 0.3636,
0.3908

 1.9103, 0.4645,
0.5355

 179.6269, 0.3601,
0.3865

 0.5546, 0.4363,
0.5637

 220.6171, 0.3571,

 0.0000, 0.0000,

0.3827

0.0000

267.4120, 0.3544,
0.3794

■ 34.0592, 0.3923,
0.4273

■ 34.0592, 0.3923,
0.4273

■ 32.7600, 0.4086,
0.4446

■ 35.4565, 0.3753,
0.4079

■ 31.5492, 0.4234,
0.4589

■ 36.9518, 0.3582,
0.3874

■ 30.4225, 0.4361,
0.4692

■ 38.5508, 0.3414,
0.3665

■ 29.3735, 0.4462,
0.4751

■ 40.2575, 0.3255,
0.3460

■ 28.3904, 0.4537,
0.4770

■ 42.0755, 0.3106,
0.3262

■ 28.2517, 0.4547,
0.4772

■ 44.0083, 0.2969,
0.3075

■ 46.0592, 0.2843,
0.2901

■ 48.2313, 0.2729,
0.2740

■ 50.5277, 0.2627,
0.2591

Harmonies

Analogous

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



34.0592, 0.4255, 0.3931



34.0592, 0.3923, 0.4273



34.0592, 0.3394, 0.4356

Triad

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



34.0592, 0.3923, 0.4273



34.0592, 0.2107, 0.2923



34.0592, 0.3365, 0.2663

Complementary

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



34.0592, 0.3923, 0.4273



15.0539, 0.2269, 0.2055

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.



34.0592, 0.2778, 0.2425



34.0592, 0.3923, 0.4273



34.0592, 0.2101, 0.2531

Square

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



34.0592, 0.3923, 0.4273



34.0592, 0.2357, 0.3497



34.0592, 0.2332, 0.2371



34.0592, 0.3931, 0.3038

Rectangle

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



34.0592, 0.3923, 0.4273



34.0592, 0.3007, 0.4203



34.0592, 0.2332, 0.2371



34.0592, 0.3162, 0.2566

Sweetspot

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



34.0608, 0.3923, 0.4273



69.9988, 0.3361, 0.3597



17.0427, 0.4193, 0.3063



15.0796, 0.3394, 0.3639



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.



34.0608, 0.3923, 0.4273



58.5447, 0.4093, 0.4453



36.7715, 0.3563, 0.4568



9.0826, 0.3267, 0.3475



20.8217, 0.4543, 0.4775



0.6420, 0.4420, 0.4872

Inverse Universe

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



15.0539, 0.2269, 0.2055



20.6466, 0.2070, 0.1739



13.8520, 0.2490, 0.1888



7.9805, 0.2986, 0.3098



2.9973, 0.1551, 0.0784



0.1508, 0.1690, 0.1282

Previews

White Background



This preview shows how the Yxy color 34.0592, 0.3923, 0.4273 looks on a white background.

Color Contrast Check

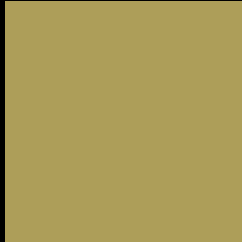
Large Text (above 18pt) WCAG AA × Fail

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 34.0592, 0.3923, 0.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

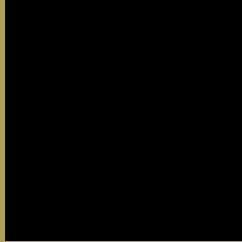
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0592, 0.3923, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 34.0592, 0.3923, 0.4273.



This preview shows how white text looks on a background with the Yxy color 34.0592, 0.3923, 0.4273.

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

34.0592, 0.3923, 0.4273

Protanopia

34.0592, 0.3923, 0.4273

Deuteranopia

34.0950, 0.4158, 0.4086



Tritanopia

34.0892, 0.3328, 0.3138

Trichromacy



Original Color

34.0592, 0.3923, 0.4273

Protanomaly

34.0592, 0.3923, 0.4273

Deuteranomaly

34.1637, 0.4070, 0.4162

Tritanomaly

33.8788, 0.3551, 0.3549

Monochromacy



Original Color

34.0592, 0.3923, 0.4273

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.0970, 0.3424, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0592, 0.3923, 0.4273 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(173, 158, 89)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 89)  
}
```

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(173, 158, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 89) }
```

Border

The CSS property to change the border of an element to Yxy 34.0592, 0.3923, 0.4273 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(173, 158, 89) }
```

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

```
.border{ border-color:rgb(173, 158, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 89);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
89) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 34.0592, 0.3923, 0.4273$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 89) }
```

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

```
.background{ background-color: rgb(173,  
158, 89) }
```

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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