

Converting Colors

Yxy(34.6813, 0.3608, 0.4005)

Have a look what the booklet for
Yxy(34.6813, 0.3608, 0.4005)
contains.

Yxy(34.6813, 0.3608, 0.4005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.6813, 0.3608, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	A5A171
RGB	165, 161, 113
RGB Percent	65%, 63%, 44%
CMY	0.3529, 0.3686, 0.5569
CMYK	0.00, 0.02, 0.32, 0.35
HSL	55°, 22%, 55%
HSV	55°, 32%, 65%
XYZ	31.2435, 34.6813, 20.6702
YIQ	156.7240, 17.7920, -14.0800

Conversions

Conversions Part 2

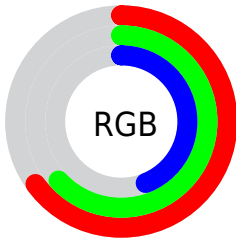
Format	Color
RYB	117, 165, 113
Decimal	10854769
CIELab	65.50, -6.22, 25.57
CIELCh	65, 26.317, 103.670
Yxy	34.6813, 0.3608, 0.4005
Android (android.graphics.Color)	4289044849 (0xFFA5A171)
YUV	156.7240, -21.5559, 7.2581
Hunter-Lab	58.8908, -8.3590, 20.4132

Details

The Yxy color **34.6813, 0.3608, 0.4005** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.9515, 0.2589, 0.2457**, and the grayscale version is **33.6802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2005, 0.3521, 0.3869**, and **14.9668, 0.3746, 0.4253** is the 20% darker color. If you saturate the color by 10%, you get **33.9026, 0.3762, 0.4226**, and if you desaturate by 10%, it is **35.5352, 0.3452, 0.3776**.

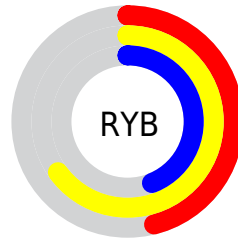
Distribution



Red (65%)

Green (63%)

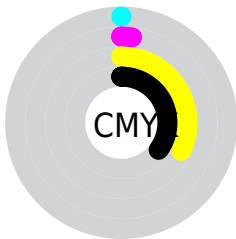
Blue (44%)



Red (46%)

Yellow (65%)

Blue (44%)

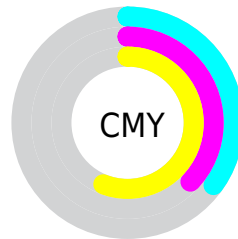


Cyan (0%)

Magenta (2%)

Yellow (32%)

Black (35%)



Cyan (35%)


Magenta (37%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6813, 0.3608, 0.4005 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 34.6813, 0.3608, 0.4005 by changing the saturation by 10% instead.


 34.6813, 0.3608,
0.4005


 34.6813, 0.3608,
0.4005


323.1594, 0.3361,
0.3627


 23.4175, 0.3670,
0.4105


 66.9918, 0.3518,
0.3863

 14.9021, 0.3749,
0.4236


 88.8072, 0.3484,
0.3812

 8.7507, 0.3852,
0.4413


 114.9086, 0.3455,
0.3768

 4.5789, 0.3987,
0.4665

 145.6804, 0.3431,
0.3731

 2.0024, 0.4425,
0.5359

181.5070, 0.3410,
0.3700

 0.6089, 0.4121,
0.5879

222.7727, 0.3392,

 0.0000, 0.0000,

0.3673

0.0000

269.8621, 0.3376,
0.3649

■ 34.6813, 0.3608,
0.4005

■ 34.6813, 0.3608,
0.4005

■ 33.9026, 0.3762,
0.4226

■ 35.5352, 0.3452,
0.3776

■ 33.1907, 0.3907,
0.4430

■ 36.4631, 0.3297,
0.3547

■ 32.5432, 0.4039,
0.4608


■ 37.4696, 0.3149,
0.3323

■ 31.9556, 0.4150,
0.4752

■ 38.5578, 0.3009,
0.3110

■ 31.4228, 0.4237,
0.4855


■ 39.7304, 0.2878,
0.2909

 30.9388, 0.4297,
0.4915

 40.9902, 0.2758,
0.2723

 30.5548, 0.4333,
0.4941

 42.3397, 0.2649,
0.2552

 43.7813, 0.2549,
0.2396

 44.8912, 0.2495,
0.2314

Harmonies

Analogous

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



34.6813, 0.3873, 0.3827



34.6813, 0.3608, 0.4005



34.6813, 0.3224, 0.3978

Triad

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



34.6813, 0.3608, 0.4005



34.6813, 0.2385, 0.2965



34.6813, 0.3402, 0.2906

Complementary

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



34.6813, 0.3608, 0.4005



18.9515, 0.2589, 0.2457

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.



34.6813, 0.2989, 0.2703



34.6813, 0.3608, 0.4005



34.6813, 0.2423, 0.2718

Square

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



34.6813, 0.3608, 0.4005



34.6813, 0.2528, 0.3336



34.6813, 0.2637, 0.2632



34.6813, 0.3756, 0.3201

Rectangle

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



34.6813, 0.3608, 0.4005



34.6813, 0.2955, 0.3830



34.6813, 0.2637, 0.2632



34.6813, 0.3264, 0.2826

Sweetspot

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



34.6829, 0.3608, 0.4005



65.7085, 0.3262, 0.3493



21.1029, 0.3766, 0.3224



14.3119, 0.3283, 0.3525



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.



34.6829, 0.3608, 0.4005



61.0936, 0.3719, 0.4165



33.9746, 0.3372, 0.4118



8.1435, 0.3263, 0.3495



23.1459, 0.4332, 0.4943



0.5120, 0.4276, 0.4987

Inverse Universe

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



18.9515, 0.2589, 0.2457



28.3216, 0.2446, 0.2231



19.6510, 0.2812, 0.2442



6.9435, 0.2987, 0.3076



2.2989, 0.1518, 0.0663



0.0730, 0.1597, 0.0949

Previews

White Background



This preview shows how the Yxy color 34.6813, 0.3608, 0.4005 looks on a white background.

Color Contrast Check

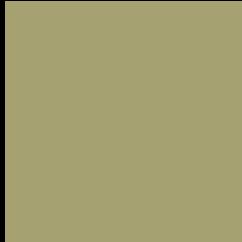
Large Text (above 18pt) WCAG AA × Fail

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 34.6813, 0.3608, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

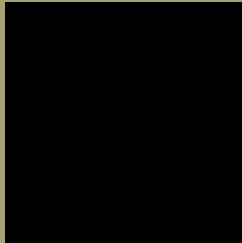
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6813, 0.3608, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 34.6813, 0.3608, 0.4005.



This preview shows how white text looks on a background with the Yxy color 34.6813, 0.3608, 0.4005.

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

34.6813, 0.3608, 0.4005

Protanopia

34.7368, 0.3700, 0.3974

Deuteranopia

34.5131, 0.3887, 0.3799



Tritanopia

34.5223, 0.3185, 0.3120

Trichromacy



Original Color

34.6813, 0.3608, 0.4005

Protanomaly

34.7465, 0.3663, 0.3996

Deuteranomaly

34.3609, 0.3785, 0.3873

Tritanomaly

34.6555, 0.3340, 0.3436

Monochromacy



Original Color

34.6813, 0.3608, 0.4005

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8504, 0.3303, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6813, 0.3608, 0.4005 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(165, 161, 113)` looks like.

```
.text, #text, p{  
    color:rgb(165, 161, 113)  
}
```

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(165, 161, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 161, 113) }
```

Border

The CSS property to change the border of an element to Yxy 34.6813, 0.3608, 0.4005 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(165, 161, 113) }
```

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

```
.border{ border-color:rgb(165, 161, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 161, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 161, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 161, 113); box-shadow:4px 4px 4px 4px rgb(165, 161, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6813, 0.3608, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 161, 113) }
```

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

```
.background{ background-color: rgb(165,  
161, 113) }
```

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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