

Converting Colors

Yxy(34.8668, 0.3901, 0.4380)

Have a look what the booklet for
Yxy(34.8668, 0.3901, 0.4380)
contains.

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Color

Yxy(34.6917, 0.3904, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	AAA155
RGB	170, 161, 85
RGB Percent	67%, 63%, 33%
CMY	0.3333, 0.3686, 0.6667
CMYK	0.00, 0.05, 0.50, 0.33
HSL	54°, 33%, 50%
HSV	54°, 50%, 67%
XYZ	30.9640, 34.6917, 13.6578
YIQ	155.0270, 29.7600, -21.7280

Conversions

Conversions Part 2

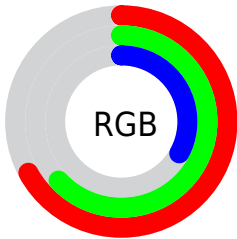
Format	Color
RYB	95, 170, 85
Decimal	11182421
CIELab	65.51, -7.29, 40.41
CIELCh	66, 41.067, 100.221
Yxy	34.6917, 0.3904, 0.4374
Android (android.graphics.Color)	4289372501 (0xFFAAA155)
YUV	155.0270, -34.5233, 13.1313
Hunter-Lab	58.8997, -9.2357, 27.4815

Details

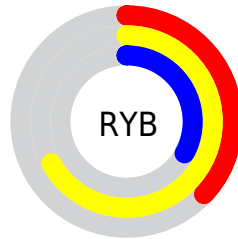
The Yxy color **34.6917, 0.3904, 0.4374** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.8410, 0.2221, 0.1900**, and the grayscale version is **32.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2202, 0.3770, 0.4176**, and **14.9922, 0.4098, 0.4691** is the 20% darker color. If you saturate the color by 10%, you get **33.8295, 0.4045, 0.4553**, and if you desaturate by 10%, it is **35.6312, 0.3750, 0.4171**.

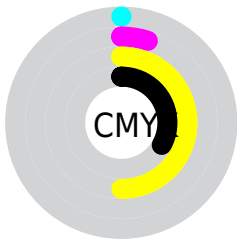
Distribution



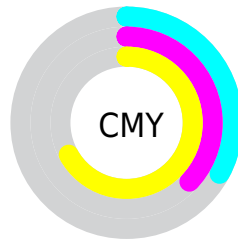
- Red (67%)
- Green (63%)
- Blue (33%)



- Red (37%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (33%)




- Cyan (33%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6917, 0.3904, 0.4374 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 34.6917, 0.3904, 0.4374 by changing the saturation by 10% instead.


 34.6917, 0.3904,
0.4374


 34.6917, 0.3904,
0.4374


323.2054, 0.3517,
0.3812


 23.4255, 0.3993,
0.4514


 67.0079, 0.3767,
0.4168

 14.9080, 0.4100,
0.4690


 88.8266, 0.3714,
0.4091

 8.7548, 0.4223,
0.4911

 114.9317, 0.3669,
0.4026

 4.5816, 0.4431,
0.5282

 145.7075, 0.3630,
0.3971

 2.0039, 0.4461,
0.5539

 181.5383, 0.3596,
0.3923

 0.6098, 0.3971,
0.6029

222.8087, 0.3567,

 0.0000, 0.0000,

0.3881

0.0000

269.9029, 0.3540,
0.3844

■ 34.6917, 0.3904,
0.4374

■ 34.6917, 0.3904,
0.4374

■ 33.8295, 0.4045,
0.4553

■ 35.6312, 0.3750,
0.4171

■ 33.0348, 0.4168,
0.4699

■ 36.6473, 0.3591,
0.3953

■ 32.3040, 0.4267,
0.4805

■ 37.7457, 0.3431,
0.3729

■ 31.6307, 0.4340,
0.4868

■ 38.9299, 0.3276,
0.3506

■ 31.0011, 0.4391,
0.4895

■ 40.2034, 0.3127,
0.3290

■ 41.5694, 0.2988,
0.3085

■ 43.0309, 0.2860,
0.2892

■ 44.5908, 0.2742,
0.2714

■ 46.2519, 0.2635,
0.2551

Harmonies

Analogous

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



34.6917, 0.4301, 0.4028



34.6917, 0.3904, 0.4374



34.6917, 0.3321, 0.4422

Triad

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



34.6917, 0.3904, 0.4374



34.6917, 0.2024, 0.2819



34.6917, 0.3471, 0.2670

Complementary

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



34.6917, 0.3904, 0.4374



12.8410, 0.2221, 0.1900

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.



34.6917, 0.2832, 0.2395



34.6917, 0.3904, 0.4374



34.6917, 0.2054, 0.2440

Square

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



34.6917, 0.3904, 0.4374



34.6917, 0.2251, 0.3418



34.6917, 0.2332, 0.2307



34.6917, 0.4060, 0.3081

Rectangle

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



34.6917, 0.3904, 0.4374



34.6917, 0.2910, 0.4220



34.6917, 0.2332, 0.2307



34.6917, 0.3252, 0.2561

Sweetspot

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



34.6933, 0.3904, 0.4374



69.4719, 0.3357, 0.3623



15.8689, 0.4337, 0.3144



15.3953, 0.3389, 0.3669



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.



34.6933, 0.3904, 0.4374



61.2085, 0.4060, 0.4571



34.7640, 0.3517, 0.4630



8.6359, 0.3265, 0.3490



22.8498, 0.4389, 0.4897



0.5933, 0.4316, 0.4955

Inverse Universe

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



12.8410, 0.2221, 0.1900



17.0473, 0.2004, 0.1546



13.2222, 0.2532, 0.1868



7.4238, 0.2986, 0.3082



2.4960, 0.1525, 0.0690



0.0989, 0.1624, 0.1048

Previews

White Background



This preview shows how the Yxy color 34.6917, 0.3904, 0.4374 looks on a white background.

Color Contrast Check

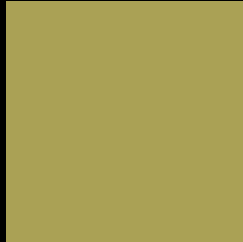
Large Text (above 18pt) WCAG AA × Fail

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 34.6917, 0.3904, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

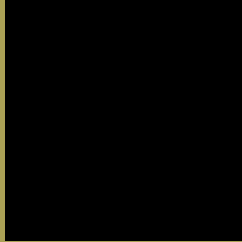
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6917, 0.3904, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 34.6917, 0.3904, 0.4374.



This preview shows how white text looks on a background with the Yxy color 34.6917, 0.3904, 0.4374.

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

34.6917, 0.3904, 0.4374

Protanopia

34.5503, 0.3979, 0.4340

Deuteranopia

34.6139, 0.4207, 0.4138



Tritanopia

34.6018, 0.3276, 0.3123

Trichromacy



Original Color

34.6917, 0.3904, 0.4374

Protanomaly

34.6659, 0.3951, 0.4361

Deuteranomaly

34.4289, 0.4098, 0.4223

Tritanomaly

34.3059, 0.3524, 0.3579

Monochromacy



Original Color

34.6917, 0.3904, 0.4374

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.1992, 0.3410, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6917, 0.3904, 0.4374 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(170, 161, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 85)  
}
```

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(170, 161, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 85) }
```

Border

The CSS property to change the border of an element to Yxy 34.6917, 0.3904, 0.4374 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(170, 161, 85) }
```

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

```
.border{ border-color:rgb(170, 161, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 161, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 161, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 161, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 161,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6917, 0.3904, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 85) }
```

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

```
.background{ background-color: rgb(170,  
161, 85) }
```

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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