

Converting Colors

$Yxy(36.4923, 0.3934, 0.4447)$

Have a look what the booklet for
Yxy(36.4923, 0.3934, 0.4447)
contains.

Yxy(36.4037, 0.3932, 0.4443)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4037, 0.3932, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	ADA552
RGB	173, 165, 82
RGB Percent	68%, 65%, 32%
CMY	0.3215, 0.3530, 0.6784
CMYK	0.00, 0.05, 0.53, 0.32
HSL	55°, 36%, 50%
HSV	55°, 53%, 68%
XYZ	32.2168, 36.4037, 13.3144
YIQ	157.9300, 31.4110, -24.1170

Conversions

Conversions Part 2

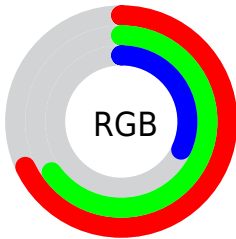
Format	Color
RYB	91, 173, 82
Decimal	11380050
CIELab	66.83, -8.39, 43.54
CIELCh	67, 44.338, 100.914
Yxy	36.4037, 0.3932, 0.4443
Android (android.graphics.Color)	4289570130 (0xFFADA552)
YUV	157.9300, -37.4335, 13.2164
Hunter-Lab	60.3355, -10.2750, 29.1511

Details

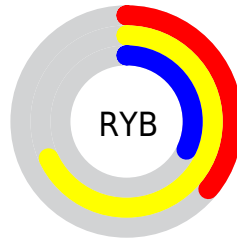
The Yxy color **36.4037, 0.3932, 0.4443** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.1338, 0.2162, 0.1786**, and the grayscale version is **34.3240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7306, 0.3790, 0.4227**, and **15.7661, 0.4121, 0.4764** is the 20% darker color. If you saturate the color by 10%, you get **35.6266, 0.4064, 0.4616**, and if you desaturate by 10%, it is **37.2571, 0.3785, 0.4242**.

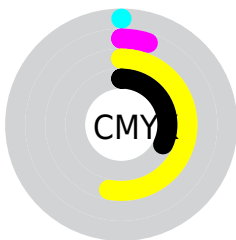
Distribution



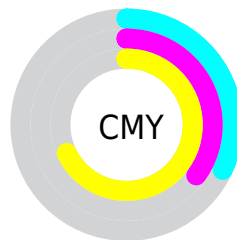
- Red (68%)
- Green (65%)
- Blue (32%)



- Red (36%)
- Yellow (68%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (53%)
- Black (32%)




- Cyan (32%)
- Magenta (35%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4037, 0.3932, 0.4443 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 36.4037, 0.3932, 0.4443 by changing the saturation by 10% instead.


 36.4037, 0.3932,
0.4443


 36.4037, 0.3932,
0.4443

330.7216, 0.3538,
0.3851

 24.7461, 0.4020,
0.4588


 69.6547, 0.3795,
0.4228


 15.8880, 0.4122,
0.4767


 92.0170, 0.3741,
0.4147

 9.4450, 0.4237,
0.4990

 118.7162, 0.3695,
0.4079

 5.0325, 0.4434,
0.5364

 150.1369, 0.3655,
0.4020

 2.2664, 0.4417,
0.5583

 186.6634, 0.3620,
0.3969

 0.7558, 0.4045,
0.5955

228.6801, 0.3589,

 0.0000, 0.0000,

0.3925

0.0000

276.5713, 0.3562,
0.3886

■ 36.4037, 0.3932,
0.4443

■ 36.4037, 0.3932,
0.4443

■ 35.6266, 0.4064,
0.4616

■ 37.2571, 0.3785,
0.4242

■ 34.9158, 0.4176,
0.4754

■ 38.1865, 0.3629,
0.4024

■ 34.2669, 0.4263,
0.4850

■ 39.1976, 0.3471,
0.3797

■ 33.6731, 0.4323,
0.4903

■ 40.2944, 0.3315,
0.3569

■ 33.2579, 0.4356,
0.4923

■ 41.4803, 0.3165,
0.3346

■ 42.7589, 0.3023,
0.3134

■ 44.1333, 0.2891,
0.2934

■ 45.6065, 0.2770,
0.2748

■ 47.1815, 0.2660,
0.2577

Harmonies

Analogous

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



36.4037, 0.4362, 0.4073



36.4037, 0.3932, 0.4443



36.4037, 0.3312, 0.4494

Triad

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



36.4037, 0.3932, 0.4443



36.4037, 0.1962, 0.2774



36.4037, 0.3507, 0.2645

Complementary

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



36.4037, 0.3932, 0.4443



12.1338, 0.2162, 0.1786

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.



36.4037, 0.2827, 0.2352



36.4037, 0.3932, 0.4443



36.4037, 0.2001, 0.2384

Square

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



36.4037, 0.3932, 0.4443



36.4037, 0.2192, 0.3406



36.4037, 0.2296, 0.2253



36.4037, 0.4130, 0.3077

Rectangle

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



36.4037, 0.3932, 0.4443



36.4037, 0.2878, 0.4274



36.4037, 0.2296, 0.2253



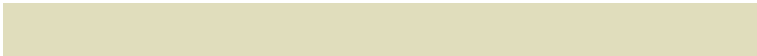
36.4037, 0.3274, 0.2529

Sweetspot

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



36.4054, 0.3932, 0.4443



71.3985, 0.3372, 0.3653



15.6822, 0.4464, 0.3161



15.4319, 0.3403, 0.3698



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.



36.4054, 0.3932, 0.4443



63.5842, 0.4083, 0.4640



35.7940, 0.3516, 0.4709



9.2075, 0.3265, 0.3495



24.4667, 0.4354, 0.4925



0.7151, 0.4300, 0.4968

Inverse Universe

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



12.1338, 0.2162, 0.1786



15.5197, 0.1939, 0.1418



12.9367, 0.2509, 0.1794



7.8667, 0.2985, 0.3077



2.5116, 0.1520, 0.0671



0.1056, 0.1600, 0.0960

Previews

White Background



This preview shows how the Yxy color 36.4037, 0.3932, 0.4443 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 36.4037, 0.3932, 0.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

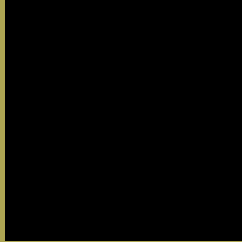
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4037, 0.3932, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 36.4037, 0.3932, 0.4443.



This preview shows how white text looks on a background with the Yxy color 36.4037, 0.3932, 0.4443.

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

36.4037, 0.3932, 0.4443

Protanopia

36.4918, 0.4026, 0.4398

Deuteranopia

36.3779, 0.4263, 0.4171



Tritanopia

36.5492, 0.3272, 0.3127

Trichromacy



Original Color

36.4037, 0.3932, 0.4443

Protanomaly

36.4921, 0.3988, 0.4424

Deuteranomaly

36.3835, 0.4137, 0.4272

Tritanomaly

36.1861, 0.3534, 0.3602

Monochromacy



Original Color

36.4037, 0.3932, 0.4443

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8880, 0.3430, 0.3754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4037, 0.3932, 0.4443 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, 165, 82)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 82)  
}
```

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, 165, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 82) }
```

Border

The CSS property to change the border of an element to Yxy 36.4037, 0.3932, 0.4443 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, 165, 82) }
```

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

```
.border{ border-color:rgb(173, 165, 82) }
```

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

Here you see how a box with a 4 pixel rgb(173, 165, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 82);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4037, 0.3932, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 82) }
```

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

```
.background{ background-color: rgb(173,  
165, 82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor