

Converting Colors

$Yxy(36.6587, 0.3591, 0.3927)$

Have a look what the booklet for
Yxy(36.6587, 0.3591, 0.3927)
contains.

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Color

Yxy(36.5649, 0.3594, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	ABA478
RGB	171, 164, 120
RGB Percent	67%, 64%, 47%
CMY	0.3295, 0.3568, 0.5294
CMYK	0.00, 0.04, 0.30, 0.33
HSL	52°, 23%, 57%
HSV	52°, 30%, 67%
XYZ	33.4558, 36.5649, 23.0672
YIQ	161.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

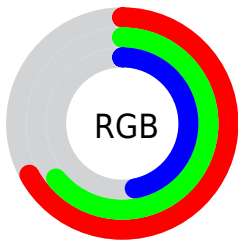
Format	Color
RYB	128, 171, 120
Decimal	11248760
CIELab	66.95, -4.51, 23.79
CIELCh	67, 24.212, 100.730
Yxy	36.5649, 0.3594, 0.3928
Android (android.graphics.Color)	4289438840 (0xFFABA478)
YUV	161.0770, -20.2510, 8.7025
Hunter-Lab	60.4689, -7.0615, 19.7108

Details

The Yxy color **36.5649, 0.3594, 0.3928** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.1037, 0.2626, 0.2559**, and the grayscale version is **35.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0111, 0.3504, 0.3801**, and **15.8948, 0.3734, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **35.3599, 0.3758, 0.4141**, and if you desaturate by 10%, it is **37.8626, 0.3431, 0.3710**.

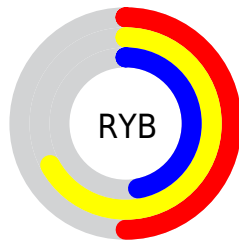
Distribution



Red (67%)

Green (64%)

Blue (47%)



Red (50%)

Yellow (67%)

Blue (47%)

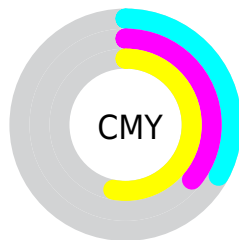


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5649, 0.3594, 0.3928 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 36.5649, 0.3594, 0.3928 by changing the saturation by 10% instead.


 36.5649, 0.3594,
0.3928


 36.5649, 0.3594,
0.3928


331.4229, 0.3355,
0.3595

 24.8708, 0.3654,
0.4015


 69.9031, 0.3506,
0.3804

 15.9808, 0.3732,
0.4128


 92.3160, 0.3474,
0.3758

 9.5106, 0.3833,
0.4282


 119.0705, 0.3446,
0.3720

 5.0757, 0.3970,
0.4498

150.5512, 0.3423,
0.3687

 2.2917, 0.4253,
0.4930

187.1424, 0.3402,
0.3659

 0.7693, 0.4467,
0.5533

229.2285, 0.3385,

 0.0000, 0.0000,

0.3635

0.0000

277.1939, 0.3369,
0.3614

■ 36.5649, 0.3594,
0.3928

■ 36.5649, 0.3594,
0.3928

■ 35.3599, 0.3758,
0.4141

■ 37.8626, 0.3431,
0.3710

■ 34.2387, 0.3919,
0.4339

■ 39.2519, 0.3273,
0.3495

■ 33.1986, 0.4068,
0.4515

■ 40.7379, 0.3124,
0.3286

■ 32.2346, 0.4201,
0.4658

■ 42.3238, 0.2985,
0.3088

■ 31.3413, 0.4310,
0.4762

■ 44.0128, 0.2858,
0.2903

■ 30.5122, 0.4393,
0.4821

■ 45.8078, 0.2741,
0.2731

■ 29.7335, 0.4453,
0.4845

■ 47.7117, 0.2635,
0.2573

■ 29.7185, 0.4454,
0.4845

■ 49.6115, 0.2550,
0.2447

■ 50.5802, 0.2553,
0.2475

Harmonies

Analogous

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



36.5649, 0.3816, 0.3757



36.5649, 0.3594, 0.3928



36.5649, 0.3253, 0.3920

Triad

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



36.5649, 0.3594, 0.3928



36.5649, 0.2457, 0.3028



36.5649, 0.3341, 0.2919

Complementary

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



36.5649, 0.3594, 0.3928



22.1037, 0.2626, 0.2559

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.



36.5649, 0.2968, 0.2743



36.5649, 0.3594, 0.3928



36.5649, 0.2476, 0.2788

Square

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



36.5649, 0.3594, 0.3928



36.5649, 0.2605, 0.3369



36.5649, 0.2657, 0.2692



36.5649, 0.3670, 0.3183

Rectangle

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



36.5649, 0.3594, 0.3928



36.5649, 0.3008, 0.3799



36.5649, 0.2657, 0.2692



36.5649, 0.3216, 0.2848

Sweetspot

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



36.5666, 0.3594, 0.3928



70.4926, 0.3264, 0.3481



23.6399, 0.3678, 0.3176



15.6386, 0.3285, 0.3511



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.



36.5666, 0.3594, 0.3928



64.0209, 0.3706, 0.4074



37.2561, 0.3393, 0.4063



9.1409, 0.3266, 0.3484



22.4687, 0.4451, 0.4848



0.6754, 0.4363, 0.4918

Inverse Universe

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



22.1037, 0.2626, 0.2559



33.7606, 0.2494, 0.2359



21.7653, 0.2796, 0.2482



7.9270, 0.2986, 0.3088



2.7360, 0.1535, 0.0724



0.1297, 0.1649, 0.1137

Previews

White Background



This preview shows how the Yxy color 36.5649, 0.3594, 0.3928 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 36.5649, 0.3594, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

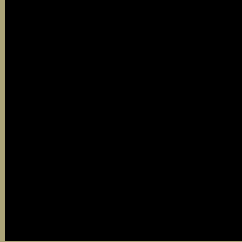
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

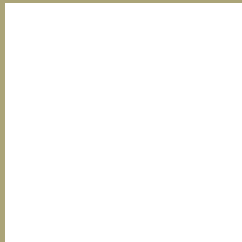
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5649, 0.3594, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 36.5649, 0.3594, 0.3928.



This preview shows how white text looks on a background with the Yxy color 36.5649, 0.3594, 0.3928.

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

36.5649, 0.3594, 0.3928

Protanopia

36.6403, 0.3649, 0.3920

Deuteranopia

36.3885, 0.3829, 0.3751



Tritanopia

36.3633, 0.3204, 0.3111

Trichromacy



Original Color

36.5649, 0.3594, 0.3928

Protanomaly

36.5250, 0.3638, 0.3922

Deuteranomaly

36.3671, 0.3741, 0.3819

Tritanomaly

36.5226, 0.3347, 0.3404

Monochromacy



Original Color

36.5649, 0.3594, 0.3928

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9153, 0.3300, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5649, 0.3594, 0.3928 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(171, 164, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 120)  
}
```

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(171, 164, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.5649, 0.3594, 0.3928 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(171, 164, 120) }
```

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

```
.border{ border-color:rgb(171, 164, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5649, 0.3594, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 120) }
```

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

```
.background{ background-color: rgb(171,  
164, 120) }
```

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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