

Converting Colors

$Yxy(36.5881, 0.3724, 0.4154)$

Have a look what the booklet for
Yxy(36.5881, 0.3724, 0.4154)
contains.

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Color

Yxy(36.5881, 0.3724, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	ABA569
RGB	171, 165, 105
RGB Percent	67%, 65%, 41%
CMY	0.3294, 0.3529, 0.5883
CMYK	0.00, 0.04, 0.39, 0.33
HSL	55°, 28%, 54%
HSV	55°, 39%, 67%
XYZ	32.8007, 36.5881, 18.6904
YIQ	159.9540, 22.8360, -17.3880

Conversions

Conversions Part 2

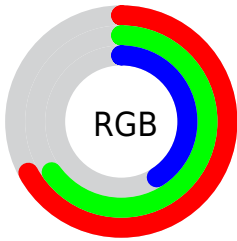
Format	Color
RYB	112, 171, 105
Decimal	11249001
CIELab	66.97, -6.90, 31.89
CIELCh	67, 32.633, 102.212
Yxy	36.5881, 0.3724, 0.4154
Android (android.graphics.Color)	4289439081 (0xFFABA569)
YUV	159.9540, -27.0923, 9.6873
Hunter-Lab	60.4881, -9.0595, 24.0215

Details

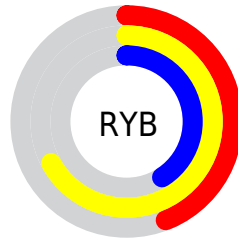
The Yxy color **36.5881, 0.3724, 0.4154** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3084, 0.2448, 0.2246**, and the grayscale version is **35.2514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9516, 0.3613, 0.3989**, and **15.8777, 0.3887, 0.4422** is the 20% darker color. If you saturate the color by 10%, you get **35.7145, 0.3876, 0.4362**, and if you desaturate by 10%, it is **37.5425, 0.3566, 0.3932**.

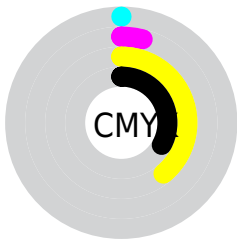
Distribution



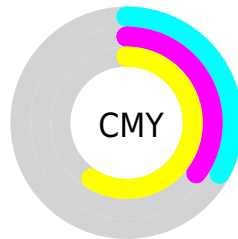
- Red (67%)
- Green (65%)
- Blue (41%)



- Red (44%)
- Yellow (67%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (33%)





- Cyan (33%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5881, 0.3724, 0.4154 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 36.5881, 0.3724, 0.4154 by changing the saturation by 10% instead.


 36.5881, 0.3724,
0.4154


 36.5881, 0.3724,
0.4154


331.5238, 0.3424,
0.3704


 24.8887, 0.3797,
0.4270


 69.9388, 0.3616,
0.3987


 15.9942, 0.3887,
0.4418


 92.3590, 0.3575,
0.3926

 9.5200, 0.4000,
0.4615


 119.1215, 0.3540,
0.3874

 5.0819, 0.4139,
0.4880

 150.6108, 0.3510,
0.3830

 2.2954, 0.4501,
0.5499

187.2113, 0.3484,
0.3792

 0.7713, 0.4226,
0.5774

229.3074, 0.3461,

 0.0000, 0.0000,

0.3759

0.0000

277.2834, 0.3441,
0.3730

■ 36.5881, 0.3724,
0.4154

■ 36.5881, 0.3724,
0.4154

■ 35.7145, 0.3876,
0.4362

■ 37.5425, 0.3566,
0.3932

■ 34.9126, 0.4015,
0.4547

■ 38.5768, 0.3408,
0.3704

■ 34.1791, 0.4137,
0.4700

■ 39.6962, 0.3254,
0.3479

■ 33.5088, 0.4235,
0.4813

■ 40.9041, 0.3107,
0.3260

■ 32.8954, 0.4307,
0.4883

■ 42.2038, 0.2970,
0.3053

■ 32.3275, 0.4355,
0.4915

■ 43.5982, 0.2842,
0.2859

■ 32.2503, 0.4361,
0.4919

■ 45.0904, 0.2725,
0.2680

■ 46.6830, 0.2619,
0.2516

■ 48.1258, 0.2545,
0.2403

Harmonies

Analogous

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



36.5881, 0.4041, 0.3915



36.5881, 0.3724, 0.4154



36.5881, 0.3261, 0.4148

Triad

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



36.5881, 0.3724, 0.4154



36.5881, 0.2239, 0.2906



36.5881, 0.3435, 0.2814

Complementary

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



36.5881, 0.3724, 0.4154



17.3084, 0.2448, 0.2246

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.



36.5881, 0.2932, 0.2580



36.5881, 0.3724, 0.4154



36.5881, 0.2276, 0.2606

Square

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



36.5881, 0.3724, 0.4154



36.5881, 0.2416, 0.3364



36.5881, 0.2518, 0.2501



36.5881, 0.3878, 0.3158

Rectangle

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



36.5881, 0.3724, 0.4154



36.5881, 0.2935, 0.3975



36.5881, 0.2518, 0.2501



36.5881, 0.3265, 0.2722

Sweetspot

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



36.5898, 0.3724, 0.4154



70.3420, 0.3309, 0.3559



19.9178, 0.3965, 0.3191



15.6302, 0.3328, 0.3587



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.



36.5898, 0.3724, 0.4154



64.2238, 0.3849, 0.4326



36.1340, 0.3432, 0.4318



9.2036, 0.3265, 0.3494



24.3477, 0.4359, 0.4921



0.7128, 0.4303, 0.4965

Inverse Universe

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



17.3084, 0.2448, 0.2246



24.9690, 0.2281, 0.1981



17.8951, 0.2709, 0.2221



7.8701, 0.2986, 0.3077



2.5226, 0.1521, 0.0674



0.1070, 0.1603, 0.0970

Previews

White Background



This preview shows how the Yxy color 36.5881, 0.3724, 0.4154 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 36.5881, 0.3724, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

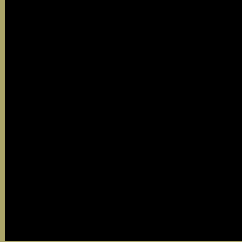
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5881, 0.3724, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 36.5881, 0.3724, 0.4154.



This preview shows how white text looks on a background with the Yxy color 36.5881, 0.3724, 0.4154.

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

36.5881, 0.3724, 0.4154

Protanopia

36.5410, 0.3805, 0.4122

Deuteranopia

36.5742, 0.4017, 0.3938



Tritanopia

36.4435, 0.3223, 0.3125

Trichromacy



Original Color

36.5881, 0.3724, 0.4154

Protanomaly

36.6644, 0.3779, 0.4142

Deuteranomaly

36.4017, 0.3914, 0.4014

Tritanomaly

36.3309, 0.3404, 0.3490

Monochromacy



Original Color

36.5881, 0.3724, 0.4154

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.6266, 0.3345, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5881, 0.3724, 0.4154 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, 165, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 105)  
}
```

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, 165, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 105) }
```

Border

The CSS property to change the border of an element to Yxy 36.5881, 0.3724, 0.4154 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, 165, 105) }
```

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

```
.border{ border-color:rgb(171, 165, 105) }
```

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

Here you see how a box with a 4 pixel rgb(171, 165, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 105);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5881, 0.3724, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 105) }
```

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

```
.background{ background-color: rgb(171,  
165, 105) }
```

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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