

Converting Colors

$Yxy(36.0789, 0.3569, 0.3894)$

Have a look what the booklet for
Yxy(36.0789, 0.3569, 0.3894)
contains.

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Color

Yxy(36.1456, 0.3570, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	AAA37A
RGB	170, 163, 122
RGB Percent	67%, 64%, 48%
CMY	0.3333, 0.3608, 0.5217
CMYK	0.00, 0.04, 0.28, 0.33
HSL	51°, 22%, 57%
HSV	51°, 28%, 67%
XYZ	33.1892, 36.1456, 23.6322
YIQ	160.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

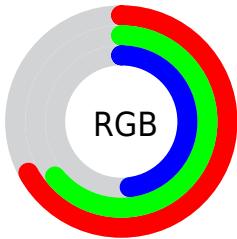
Format	Color
RYB	130, 170, 122
Decimal	11182970
CIELab	66.63, -4.08, 22.27
CIElCh	67, 22.644, 100.370
Yxy	36.1456, 0.3570, 0.3888
Android (android.graphics.Color)	4289373050 (0xFFAAA37A)
YUV	160.4190, -18.9406, 8.4025
Hunter-Lab	60.1212, -6.6732, 18.7793

Details

The Yxy color **36.1456, 0.3570, 0.3888** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.7381, 0.2656, 0.2611**, and the grayscale version is **35.4416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4067, 0.3485, 0.3769**, and **15.6318, 0.3701, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **34.8888, 0.3736, 0.4100**, and if you desaturate by 10%, it is **37.4967, 0.3407, 0.3672**.

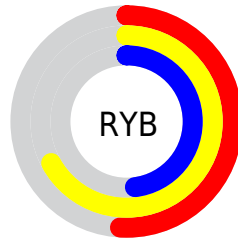
Distribution



Red (67%)

Green (64%)

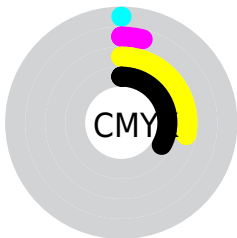
Blue (48%)



Red (51%)

Yellow (67%)

Blue (48%)

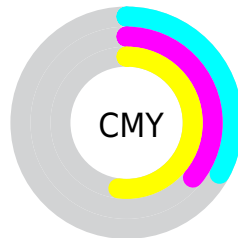


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1456, 0.3570, 0.3888 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 36.1456, 0.3570, 0.3888 by changing the saturation by 10% instead.

 36.1456, 0.3570,
0.3888


 36.1456, 0.3570,
0.3888


329.5965, 0.3342,
0.3575

 24.5467, 0.3628,
0.3970


 69.2567, 0.3486,
0.3771

 15.7396, 0.3703,
0.4077


 91.5377, 0.3455,
0.3728

 9.3401, 0.3802,
0.4223


 118.1482, 0.3429,
0.3692

 4.9637, 0.3937,
0.4430

149.4725, 0.3406,
0.3662

 2.2260, 0.4201,
0.4828

185.8951, 0.3387,
0.3636

 0.7341, 0.4490,
0.5510

227.8004, 0.3370,

 0.0000, 0.0000,

0.3613

0.0000

275.5727, 0.3356,
0.3593

■ 36.1456, 0.3570,
0.3888

■ 36.1456, 0.3570,
0.3888

■ 34.8888, 0.3736,
0.4100

■ 37.4967, 0.3407,
0.3672

■ 33.7175, 0.3899,
0.4300

■ 38.9409, 0.3250,
0.3460

■ 32.6290, 0.4053,
0.4478

■ 40.4833, 0.3102,
0.3255

■ 31.6185, 0.4192,
0.4626

■ 42.1270, 0.2965,
0.3061

■ 30.6809, 0.4308,
0.4735

■ 43.8751, 0.2839,
0.2880

■ 29.8097, 0.4398,
0.4800

■ 45.7306, 0.2725,
0.2713

■ 28.9944, 0.4464,
0.4826

■ 47.6962, 0.2621,
0.2559

■ 28.8550, 0.4474,
0.4829

■ 49.5804, 0.2544,
0.2447

■ 50.6130, 0.2548,
0.2477

Harmonies

Analogous

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



36.1456, 0.3776, 0.3728



36.1456, 0.3570, 0.3888



36.1456, 0.3251, 0.3880

Triad

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



36.1456, 0.3570, 0.3888



36.1456, 0.2497, 0.3049



36.1456, 0.3324, 0.2937

Complementary

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



36.1456, 0.3570, 0.3888



22.7381, 0.2656, 0.2611

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.



36.1456, 0.2974, 0.2772



36.1456, 0.3570, 0.3888



36.1456, 0.2513, 0.2820

Square

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



36.1456, 0.3570, 0.3888



36.1456, 0.2638, 0.3369



36.1456, 0.2682, 0.2727



36.1456, 0.3633, 0.3187

Rectangle

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



36.1456, 0.3570, 0.3888



36.1456, 0.3021, 0.3769



36.1456, 0.2682, 0.2727



36.1456, 0.3207, 0.2871

Sweetspot

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



36.1472, 0.3570, 0.3888



70.6680, 0.3248, 0.3458



24.0515, 0.3640, 0.3182



15.6704, 0.3271, 0.3489



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.



36.1472, 0.3570, 0.3888



64.0997, 0.3675, 0.4024



36.9528, 0.3380, 0.4020



8.5843, 0.3265, 0.3481



21.2843, 0.4471, 0.4832



0.5670, 0.4366, 0.4915

Inverse Universe

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



22.7381, 0.2656, 0.2611



35.6782, 0.2535, 0.2430



22.2877, 0.2817, 0.2528



7.4709, 0.2986, 0.3091



2.6937, 0.1538, 0.0738



0.1166, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 36.1456, 0.3570, 0.3888 looks on a white background.

Color Contrast Check

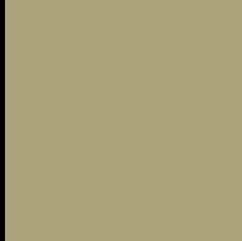
Large Text (above 18pt) WCAG AA × Fail

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 36.1456, 0.3570, 0.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

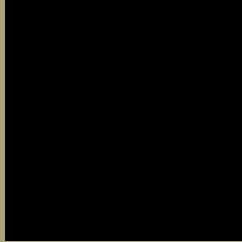
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1456, 0.3570, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 36.1456, 0.3570, 0.3888.



This preview shows how white text looks on a background with the Yxy color 36.1456, 0.3570, 0.3888.

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

36.1456, 0.3570, 0.3888

Protanopia

36.2198, 0.3624, 0.3880

Deuteranopia

35.8451, 0.3792, 0.3715



Tritanopia

36.2086, 0.3203, 0.3124

Trichromacy



Original Color

36.1456, 0.3570, 0.3888

Protanomaly

36.1054, 0.3614, 0.3882

Deuteranomaly

35.9511, 0.3715, 0.3780

Tritanomaly

36.0619, 0.3339, 0.3390

Monochromacy



Original Color

36.1456, 0.3570, 0.3888

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4576, 0.3292, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1456, 0.3570, 0.3888 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, 163, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 163, 122)  
}
```

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, 163, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 163, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.1456, 0.3570, 0.3888 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, 163, 122) }
```

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

```
.border{ border-color:rgb(170, 163, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 163, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 163,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1456, 0.3570, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 163, 122) }
```

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

```
.background{ background-color: rgb(170,  
163, 122) }
```

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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