

Converting Colors

Yxy(36.7352, 0.3437, 0.3712)

Have a look what the booklet for
Yxy(36.7352, 0.3437, 0.3712)
contains.

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Color

Yxy(36.7352, 0.3437, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	A9A487
RGB	169, 164, 135
RGB Percent	66%, 64%, 53%
CMY	0.3372, 0.3569, 0.4706
CMYK	0.00, 0.03, 0.20, 0.34
HSL	51°, 17%, 60%
HSV	51°, 20%, 66%
XYZ	34.0137, 36.7352, 28.2145
YIQ	162.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

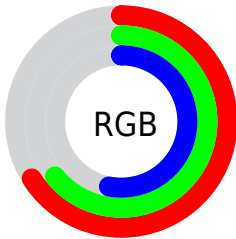
Format	Color
RYB	141, 169, 135
Decimal	11117703
CIELab	67.08, -3.11, 15.73
CIELCh	67, 16.035, 101.185
Yxy	36.7352, 0.3437, 0.3712
Android (android.graphics.Color)	4289307783 (0xFFA9A487)
YUV	162.1890, -13.4042, 5.9732
Hunter-Lab	60.6096, -5.8937, 14.8265

Details

The Yxy color **36.7352, 0.3437, 0.3712** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7752, 0.2804, 0.2830**, and the grayscale version is **36.2859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1412, 0.3376, 0.3635**, and **16.0261, 0.3542, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **35.4135, 0.3601, 0.3927**, and if you desaturate by 10%, it is **38.1533, 0.3279, 0.3499**.

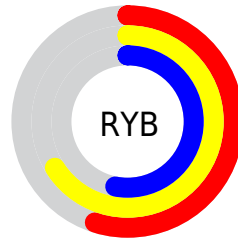
Distribution



Red (66%)

Green (64%)

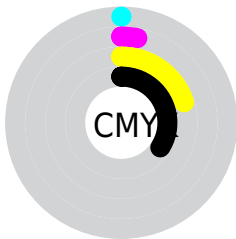
Blue (53%)



Red (55%)

Yellow (66%)

Blue (53%)

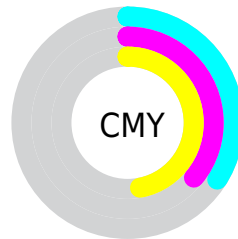


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7352, 0.3437, 0.3712 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 36.7352, 0.3437, 0.3712 by changing the saturation by 10% instead.


 36.7352, 0.3437,
0.3712


 36.7352, 0.3437,
0.3712


332.1627, 0.3277,
0.3491


 25.0025, 0.3478,
0.3770


 70.1653, 0.3378,
0.3630

 16.0789, 0.3532,
0.3847


 92.6316, 0.3356,
0.3599

 9.5800, 0.3605,
0.3952


 119.4445, 0.3338,
0.3574

 5.1214, 0.3708,
0.4104

150.9885, 0.3322,
0.3552

 2.3187, 0.3863,
0.4342

187.6479, 0.3308,
0.3534

 0.7836, 0.4605,
0.5395

229.8071, 0.3297,

 0.0000, 0.0000,

0.3518

0.0000

277.8506, 0.3286,
0.3504

■ 36.7352, 0.3437,
0.3712

■ 36.7352, 0.3437,
0.3712

■ 35.4135, 0.3601,
0.3927

■ 38.1533, 0.3279,
0.3499

■ 34.1795, 0.3767,
0.4137

■ 39.6664, 0.3129,
0.3293

■ 33.0311, 0.3929,
0.4333

■ 41.2792, 0.2990,
0.3097

■ 31.9639, 0.4082,
0.4507

■ 42.9948, 0.2862,
0.2914

■ 30.9732, 0.4217,
0.4647

■ 44.8161, 0.2746,
0.2744

■ 30.0535, 0.4329,
0.4748

■ 46.7459, 0.2640,
0.2588

■ 29.1985, 0.4415,
0.4805

■ 48.7869, 0.2545,
0.2446

■ 28.4048, 0.4478,
0.4827

■ 49.9230, 0.2539,
0.2459

■ 50.9688, 0.2543,
0.2489

Harmonies

Analogous

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



36.7352, 0.3582, 0.3610



36.7352, 0.3437, 0.3712



36.7352, 0.3212, 0.3697

Triad

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



36.7352, 0.3437, 0.3712



36.7352, 0.2675, 0.3120



36.7352, 0.3275, 0.3042

Complementary

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



36.7352, 0.3437, 0.3712



26.7752, 0.2804, 0.2830

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.



36.7352, 0.3028, 0.2920



36.7352, 0.3437, 0.3712



36.7352, 0.2690, 0.2956

Square

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



36.7352, 0.3437, 0.3712



36.7352, 0.2776, 0.3342



36.7352, 0.2816, 0.2887



36.7352, 0.3487, 0.3225

Rectangle

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



36.7352, 0.3437, 0.3712



36.7352, 0.3049, 0.3617



36.7352, 0.2816, 0.2887



36.7352, 0.3193, 0.2993

Sweetspot

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



36.7368, 0.3437, 0.3712



69.3799, 0.3217, 0.3415



27.6583, 0.3460, 0.3214



15.0858, 0.3227, 0.3427



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7368, 0.3437, 0.3712



64.7363, 0.3507, 0.3804



37.3129, 0.3308, 0.3799



8.5822, 0.3266, 0.3481



21.2245, 0.4474, 0.4829



0.5660, 0.4368, 0.4913

Inverse Universe

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



26.7752, 0.2804, 0.2830



43.7516, 0.2727, 0.2717



26.3837, 0.2918, 0.2766



7.4727, 0.2986, 0.3092



2.7025, 0.1539, 0.0740



0.1173, 0.1668, 0.1204

Previews

White Background



This preview shows how the Yxy color 36.7352, 0.3437, 0.3712 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 36.7352, 0.3437, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

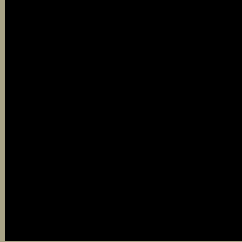
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7352, 0.3437, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 36.7352, 0.3437, 0.3712.



This preview shows how white text looks on a background with the Yxy color 36.7352, 0.3437, 0.3712.

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

36.7352, 0.3437, 0.3712

Protanopia

36.7999, 0.3489, 0.3707

Deuteranopia

36.5829, 0.3643, 0.3579



Tritanopia

36.7352, 0.3164, 0.3124

Trichromacy



Original Color

36.7352, 0.3437, 0.3712

Protanomaly

36.6863, 0.3479, 0.3709

Deuteranomaly

36.7429, 0.3561, 0.3627

Tritanomaly

36.7290, 0.3260, 0.3333

Monochromacy



Original Color

36.7352, 0.3437, 0.3712

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.4607, 0.3244, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7352, 0.3437, 0.3712 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(169, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 135)  
}
```

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(169, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 135) }
```

Border

The CSS property to change the border of an element to Yxy 36.7352, 0.3437, 0.3712 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(169, 164, 135) }
```

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

```
.border{ border-color:rgb(169, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7352, 0.3437, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 135) }
```

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

```
.background{ background-color: rgb(169,  
164, 135) }
```

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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