

Converting Colors

$Yxy(37.4496, 0.3363, 0.3681)$

Have a look what the booklet for
Yxy(37.4496, 0.3363, 0.3681)
contains.

Yxy(37.2729, 0.3357, 0.3669)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.2729, 0.3357, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	A6A68C
RGB	166, 166, 140
RGB Percent	65%, 65%, 55%
CMY	0.3488, 0.3491, 0.4509
CMYK	0.00, 0.00, 0.16, 0.35
HSL	60°, 13%, 60%
HSV	60°, 16%, 65%
XYZ	34.1033, 37.2729, 30.2125
YIQ	163.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

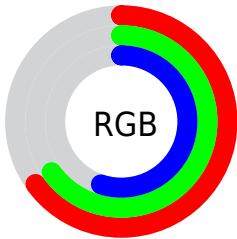
Format	Color
RYB	140, 166, 140
Decimal	10921612
CIELab	67.48, -4.54, 13.48
CIELCh	67, 14.228, 108.599
Yxy	37.2729, 0.3357, 0.3669
Android (android.graphics.Color)	4289111692 (0xFFA6A68C)
YUV	163.0360, -11.3567, 2.5994
Hunter-Lab	61.0515, -7.1303, 13.3953

Details

The Yxy color **37.2729, 0.3357, 0.3669** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.1074, 0.2879, 0.2881**, and the grayscale version is **36.6993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9801, 0.3309, 0.3591**, and **16.3502, 0.3426, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **36.8083, 0.3506, 0.3915**, and if you desaturate by 10%, it is **37.8147, 0.3209, 0.3425**.

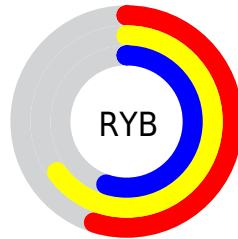
Distribution



Red (65%)

Green (65%)

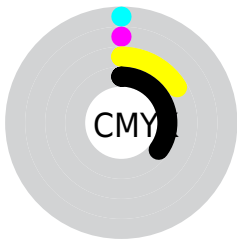
Blue (55%)



Red (55%)

Yellow (65%)

Blue (55%)

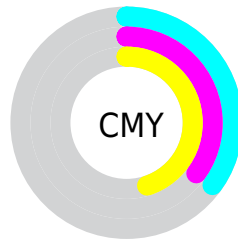


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2729, 0.3357, 0.3669 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 37.2729, 0.3357, 0.3669 by changing the saturation by 10% instead.

37.2729, 0.3357,
0.3669

37.2729, 0.3357,
0.3669

334.4905, 0.3239,
0.3471

25.4189, 0.3387,
0.3722

70.9923, 0.3313,
0.3595

16.3894, 0.3427,
0.3791

93.6265, 0.3297,
0.3567

9.8001, 0.3480,
0.3886

120.6228, 0.3284,
0.3545

5.2666, 0.3556,
0.4026

152.3656, 0.3272,
0.3525

2.4045, 0.3669,
0.4249

189.2394, 0.3262,
0.3509

0.8282, 0.4496,
0.5504

231.6286, 0.3253,

0.0000, 0.0000,

0.3494

0.0000

279.9175, 0.3246,
0.3482

■ 37.2729, 0.3357,
0.3669

■ 37.2729, 0.3357,
0.3669

■ 36.8083, 0.3506,
0.3915

■ 37.8147, 0.3209,
0.3425

■ 36.4128, 0.3653,
0.4156

■ 38.4318, 0.3066,
0.3189

■ 36.0843, 0.3790,
0.4383

■ 39.1289, 0.2931,
0.2966

■ 35.8190, 0.3914,
0.4587

■ 39.9087, 0.2804,
0.2757

■ 35.6127, 0.4018,
0.4758

■ 40.7738, 0.2688,
0.2565

■ 35.4605, 0.4099,
0.4891

■ 41.7268, 0.2581,
0.2389

■ 35.3571, 0.4155,
0.4982

■ 42.6896, 0.2492,
0.2241

■ 35.2951, 0.4187,
0.5033

■ 42.7023, 0.2492,
0.2241

■ 35.2739, 0.4197,
0.5050

■ 42.7150, 0.2492,
0.2242

Harmonies

Analogous

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



37.2729, 0.3506, 0.3604



37.2729, 0.3357, 0.3669



37.2729, 0.3149, 0.3627

Triad

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



37.2729, 0.3357, 0.3669



37.2729, 0.2720, 0.3099



37.2729, 0.3309, 0.3106

Complementary

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



37.2729, 0.3357, 0.3669



27.1074, 0.2879, 0.2881

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.



37.2729, 0.3093, 0.2981



37.2729, 0.3357, 0.3669



37.2729, 0.2759, 0.2971

Square

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



37.2729, 0.3357, 0.3669



37.2729, 0.2786, 0.3287



37.2729, 0.2893, 0.2931



37.2729, 0.3479, 0.3278

Rectangle

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



37.2729, 0.3357, 0.3669



37.2729, 0.3007, 0.3540



37.2729, 0.2893, 0.2931



37.2729, 0.3239, 0.3058

Sweetspot

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



37.2745, 0.3357, 0.3669



68.6506, 0.3201, 0.3411



28.7785, 0.3410, 0.3284



15.3468, 0.3210, 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.



37.2745, 0.3357, 0.3669



67.2833, 0.3412, 0.3760



36.0000, 0.3235, 0.3685



8.7711, 0.3262, 0.3513



27.3378, 0.4197, 0.5050



0.6660, 0.4196, 0.5051

Inverse Universe

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



27.1074, 0.2879, 0.2881



45.0917, 0.2814, 0.2773



28.2478, 0.3005, 0.2895



7.3030, 0.2986, 0.3057



2.1417, 0.1501, 0.0602



0.0529, 0.1503, 0.0610

Previews

White Background



This preview shows how the Yxy color 37.2729, 0.3357, 0.3669 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 37.2729, 0.3357, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

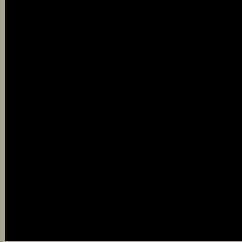
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

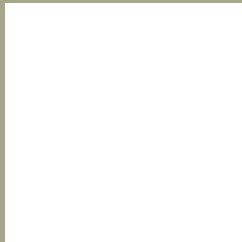
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2729, 0.3357, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 37.2729, 0.3357, 0.3669.



This preview shows how white text looks on a background with the Yxy color 37.2729, 0.3357, 0.3669.

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

37.2729, 0.3357, 0.3669

Protanopia

37.2992, 0.3440, 0.3648

Deuteranopia

37.0981, 0.3581, 0.3510



Tritanopia

37.2037, 0.3107, 0.3109

Trichromacy



Original Color

37.2729, 0.3357, 0.3669

Protanomaly

37.3204, 0.3407, 0.3666

Deuteranomaly

37.1161, 0.3500, 0.3571

Tritanomaly

37.2380, 0.3193, 0.3304

Monochromacy



Original Color

37.2729, 0.3357, 0.3669

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8100, 0.3206, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2729, 0.3357, 0.3669 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(166, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 140)  
}
```

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(166, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 140) }
```

Border

The CSS property to change the border of an element to Yxy 37.2729, 0.3357, 0.3669 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(166, 166, 140) }
```

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

```
.border{ border-color:rgb(166, 166, 140) }
```

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

Here you see how a box with a 4 pixel rgb(166, 166, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2729, 0.3357, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 140) }
```

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

```
.background{ background-color: rgb(166,  
166, 140) }
```

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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