

Converting Colors

$Yxy(37.3626, 0.3269, 0.3333)$

Have a look what the booklet for
Yxy(37.3626, 0.3269, 0.3333)
contains.

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Color

Yxy(37.3425, 0.3269, 0.3333)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AEA29F |
| RGB | 174, 162, 159 |
| RGB Percent | 68%, 64%, 62% |
| CMY | 0.3178, 0.3646, 0.3765 |
| CMYK | 0.00, 0.07, 0.09, 0.32 |
| HSL | 12°, 8%, 65% |
| HSV | 12°, 9%, 68% |
| XYZ | 36.6255, 37.3425, 38.0708 |
| YIQ | 165.2460, 8.1150, 1.6110 |

Conversions

Conversions Part 2

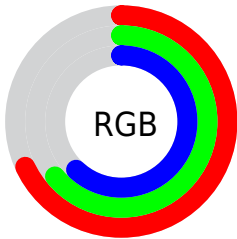
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 174, 163, 159 |
| Decimal | 11444895 |
| CIELab | 67.53, 3.79, 3.12 |
| CIELCh | 68, 4.911, 39.501 |
| Yxy | 37.3425, 0.3269, 0.3333 |
| Android (android.graphics.Color) | 4289634975 (0xFFAEA29F) |
| YUV | 165.2460, -3.0793, 7.6773 |
| Hunter-Lab | 61.1085, 0.0443, 5.8381 |

Details

The Yxy color **37.3425, 0.3269, 0.3333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5197, 0.2997, 0.3247**, and the grayscale version is **37.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3037, 0.3242, 0.3323**, and **16.3721, 0.3317, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **32.1617, 0.3465, 0.3386**, and if you desaturate by 10%, it is **43.1505, 0.3106, 0.3283**.

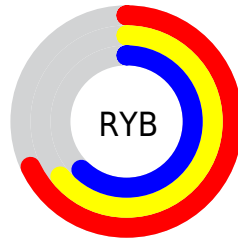
Distribution



Red (68%)

Green (64%)

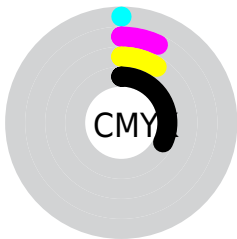
Blue (62%)



Red (68%)

Yellow (64%)

Blue (62%)

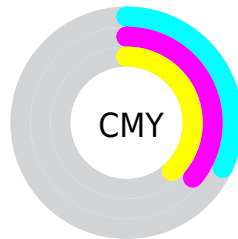


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3425, 0.3269, 0.3333 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 37.3425, 0.3269, 0.3333 by changing the saturation by 10% instead.


 37.3425, 0.3269,
0.3333


 37.3425, 0.3269,
0.3333


334.7910, 0.3195,
0.3311

 25.4728, 0.3288,
0.3339


 71.0992, 0.3241,
0.3325

 16.4296, 0.3314,
0.3346


 93.7551, 0.3231,
0.3322

 9.8287, 0.3349,
0.3356


120.7750, 0.3223,
0.3319

 5.2855, 0.3401,
0.3370

152.5435, 0.3216,
0.3317

 2.4157, 0.3483,
0.3391

189.4450, 0.3210,
0.3315

 0.8340, 0.3677,
0.3461

231.8638, 0.3204,

 0.0000, 0.0000,


0.3314


0.0000


280.1843, 0.3199,
0.3312

 37.3425, 0.3269,
0.3333


 37.3425, 0.3269,
0.3333


 32.1617, 0.3465,
0.3386

 43.1505, 0.3106,
0.3283


 27.5823, 0.3701,
0.3442


 49.6007, 0.2971,
0.3238


 23.5837, 0.3983,
0.3498

 56.7138, 0.2859,
0.3196

 20.1426, 0.4313,
0.3549

 64.5080, 0.2765,
0.3158

 17.2337, 0.4687,
0.3590

 73.0010, 0.2685,
0.3124

■ 14.8301, 0.5092,
0.3611

■ 81.6593, 0.2658,
0.3182

■ 12.9022, 0.5495,
0.3605

■ 87.7337, 0.2671,
0.3289

■ 11.4174, 0.5854,
0.3563

■ 10.3347, 0.6130,
0.3495

Harmonies

Analogous

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



37.3425, 0.3233, 0.3268



37.3425, 0.3269, 0.3333



37.3425, 0.3266, 0.3388

Triad

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



37.3425, 0.3269, 0.3333



37.3425, 0.3085, 0.3373



37.3425, 0.3029, 0.3165

Complementary

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



37.3425, 0.3269, 0.3333



39.5197, 0.2997, 0.3247

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.



37.3425, 0.2990, 0.3191



37.3425, 0.3269, 0.3333



37.3425, 0.3022, 0.3311

Square

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



37.3425, 0.3269, 0.3333



37.3425, 0.3159, 0.3412



37.3425, 0.2988, 0.3245



37.3425, 0.3094, 0.3172

Rectangle

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



37.3425, 0.3269, 0.3333



37.3425, 0.3243, 0.3411



37.3425, 0.2988, 0.3245



37.3425, 0.3012, 0.3170

Sweetspot

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



37.3441, 0.3269, 0.3333



73.4865, 0.3175, 0.3305



36.7235, 0.3164, 0.3124



16.1459, 0.3188, 0.3309



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.3441, 0.3269, 0.3333



66.2251, 0.3297, 0.3341



40.0457, 0.3259, 0.3436



8.2686, 0.3281, 0.3337



7.4810, 0.6148, 0.3501



0.2826, 0.5604, 0.3932

Inverse Universe

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



39.5197, 0.2997, 0.3247



70.8447, 0.2973, 0.3238



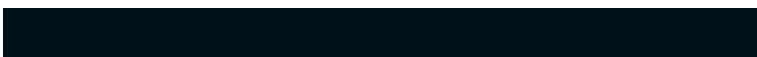
36.7875, 0.2997, 0.3140



8.7921, 0.2986, 0.3243



15.6366, 0.2066, 0.2637



0.5040, 0.2127, 0.2856

Previews

White Background



This preview shows how the Yxy color 37.3425, 0.3269, 0.3333 looks on a white background.

Color Contrast Check

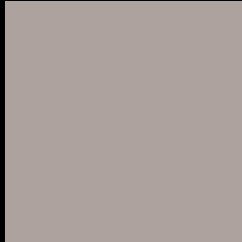
Large Text (above 18pt) WCAG AA × Fail

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 37.3425, 0.3269, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

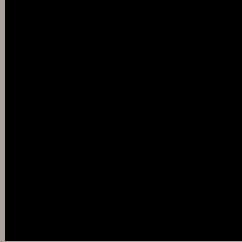
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3425, 0.3269, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 37.3425, 0.3269, 0.3333.



This preview shows how white text looks on a background with the Yxy color 37.3425, 0.3269, 0.3333.

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

37.3425, 0.3269, 0.3333

Protanopia

37.4138, 0.3200, 0.3347

Deuteranopia

37.2794, 0.3343, 0.3277



Tritanopia

37.3888, 0.3164, 0.3112

Trichromacy



Original Color

37.3425, 0.3269, 0.3333

Protanomaly

37.2785, 0.3220, 0.3333

Deuteranomaly

37.2634, 0.3312, 0.3291

Tritanomaly

37.4309, 0.3198, 0.3193

Monochromacy



Original Color

37.3425, 0.3269, 0.3333

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5201, 0.3174, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3425, 0.3269, 0.3333 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(174, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 159)  
}
```

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(174, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.3425, 0.3269, 0.3333 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(174, 162, 159) }
```

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

```
.border{ border-color:rgb(174, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3425, 0.3269, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 159) }
```

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

```
.background{ background-color: rgb(174,  
162, 159) }
```

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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