

Converting Colors

$Yxy(36.9060, 0.3335, 0.3289)$

Have a look what the booklet for
Yxy(36.9060, 0.3335, 0.3289)
contains.

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Color

Yxy(37.0028, 0.3333, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B49F9F
RGB	180, 159, 159
RGB Percent	71%, 62%, 62%
CMY	0.2942, 0.3764, 0.3765
CMYK	0.00, 0.12, 0.12, 0.29
HSL	0°, 12%, 66%
HSV	0°, 12%, 71%
XYZ	37.4750, 37.0028, 37.9585
YIQ	165.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

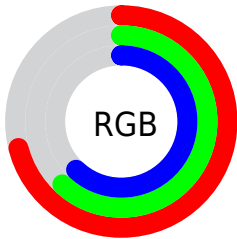
Format	Color
R _Y B	180, 159, 159
Decimal	11837343
CIE Lab	67.28, 7.68, 2.82
CIE LCh	67, 8.180, 20.201
Yxy	37.0028, 0.3333, 0.3291
Android (android.graphics.Color)	4290027423 (0xFFB49F9F)
YUV	165.2790, -3.0955, 12.9103
Hunter-Lab	60.8299, 3.5148, 5.5834

Details

The Yxy color **37.0028, 0.3333, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2894, 0.2951, 0.3289**, and the grayscale version is **37.7781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7810, 0.3290, 0.3290**, and **16.3199, 0.3392, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **30.6854, 0.3557, 0.3292**, and if you desaturate by 10%, it is **44.3132, 0.3153, 0.3290**.

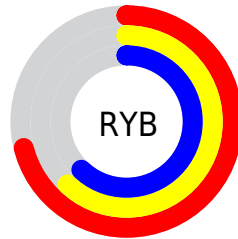
Distribution



Red (71%)

Green (62%)

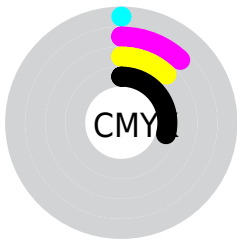
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

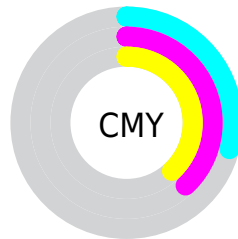


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0028, 0.3333, 0.3291 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 37.0028, 0.3333, 0.3291 by changing the saturation by 10% instead.


 37.0028, 0.3333,
0.3291


 37.0028, 0.3333,
0.3291


333.3226, 0.3226,
0.3291

 25.2097, 0.3361,
0.3291


 70.5771, 0.3293,
0.3291

 16.2333, 0.3399,
0.3290


 93.1270, 0.3278,
0.3291

 9.6894, 0.3450,
0.3289


120.0314, 0.3266,
0.3291

 5.1935, 0.3526,
0.3287

151.6745, 0.3255,
0.3291

 2.3612, 0.3647,
0.3282

188.4408, 0.3246,
0.3291

 0.8058, 0.3921,
0.3297

230.7146, 0.3239,

 0.0000, 0.0000,

0.3291


0.0000


278.8805, 0.3232,
0.3291

 37.0028, 0.3333,
0.3291


 37.0028, 0.3333,
0.3291

 30.6854, 0.3557,
0.3292

 44.3132, 0.3153,
0.3290


 25.3137, 0.3836,
0.3293


 52.6517, 0.3010,
0.3289


 20.8435, 0.4178,
0.3295

 62.0577, 0.2894,
0.3289

 17.2256, 0.4584,
0.3296

 72.5671, 0.2800,
0.3288

 14.4058, 0.5043,
0.3298

 84.2139, 0.2723,
0.3288

■ 12.3237, 0.5517,
0.3299

■ 88.4420, 0.2701,
0.3289

■ 10.9106, 0.5941,
0.3300

■ 10.0845, 0.6244,
0.3300

■ 9.7076, 0.6400,
0.3301

Harmonies

Analogous

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



37.0028, 0.3239, 0.3188



37.0028, 0.3333, 0.3291



37.0028, 0.3371, 0.3396

Triad

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



37.0028, 0.3333, 0.3291



37.0028, 0.3135, 0.3478



37.0028, 0.2916, 0.3104

Complementary

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



37.0028, 0.3333, 0.3291



43.2894, 0.2951, 0.3289

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.



37.0028, 0.2889, 0.3177



37.0028, 0.3333, 0.3291



37.0028, 0.3014, 0.3395

Square

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



37.0028, 0.3333, 0.3291



37.0028, 0.3255, 0.3507



37.0028, 0.2925, 0.3284



37.0028, 0.2998, 0.3081

Rectangle

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



37.0028, 0.3333, 0.3291



37.0028, 0.3359, 0.3454



37.0028, 0.2925, 0.3284



37.0028, 0.2900, 0.3123

Sweetspot

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



37.0044, 0.3333, 0.3291



77.0169, 0.3193, 0.3290



37.7863, 0.3140, 0.3008



16.4259, 0.3206, 0.3290



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.0044, 0.3333, 0.3291



63.9958, 0.3386, 0.3291



40.7610, 0.3315, 0.3434



8.5072, 0.3287, 0.3291



6.7771, 0.6399, 0.3301



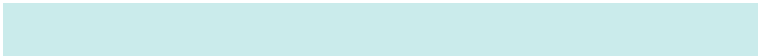
0.2139, 0.6394, 0.3305

Inverse Universe

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



43.2894, 0.2951, 0.3289



77.6583, 0.2914, 0.3289



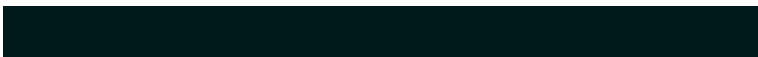
39.2203, 0.2949, 0.3142



9.6294, 0.2986, 0.3289



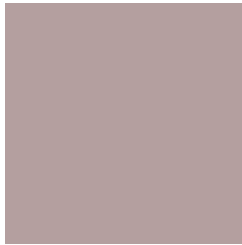
25.0099, 0.2245, 0.3283



0.7876, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 37.0028, 0.3333, 0.3291 looks on a white background.

Color Contrast Check

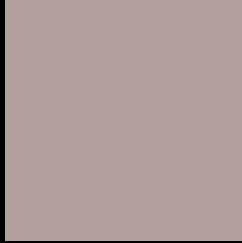
Large Text (above 18pt) WCAG AA × Fail

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 37.0028, 0.3333, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

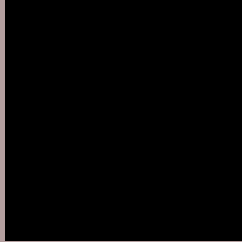
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0028, 0.3333, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 37.0028, 0.3333, 0.3291.



This preview shows how white text looks on a background with the Yxy color 37.0028, 0.3333, 0.3291.

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

37.0028, 0.3333, 0.3291

Protanopia

36.9831, 0.3183, 0.3319

Deuteranopia

36.7807, 0.3345, 0.3277



Tritanopia

36.8400, 0.3243, 0.3113

Trichromacy



Original Color

37.0028, 0.3333, 0.3291

Protanomaly

37.1494, 0.3241, 0.3319

Deuteranomaly

36.7807, 0.3345, 0.3277

Tritanomaly

37.0307, 0.3279, 0.3181

Monochromacy



Original Color

37.0028, 0.3333, 0.3291

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3848, 0.3193, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0028, 0.3333, 0.3291 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(180, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(180, 159, 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(180, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 159, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.0028, 0.3333, 0.3291 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(180, 159, 159) }
```

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

```
.border{ border-color:rgb(180, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(180, 159,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0028, 0.3333, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 159, 159) }
```

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

```
.background{ background-color: rgb(180,  
159, 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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