

Converting Colors

$Y_{xy}(37.0773, 0.3367, 0.3270)$

Have a look what the booklet for
Yxy(37.0773, 0.3367, 0.3270)
contains.

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Color

Yxy(37.1473, 0.3375, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B89E9F
RGB	184, 158, 159
RGB Percent	72%, 62%, 62%
CMY	0.2783, 0.3804, 0.3765
CMYK	0.00, 0.14, 0.14, 0.28
HSL	358°, 16%, 67%
HSV	358°, 14%, 72%
XYZ	38.2582, 37.1473, 37.9521
YIQ	165.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

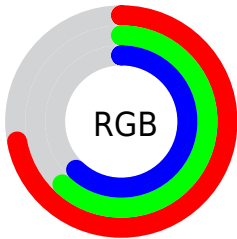
Format	Color
RYB	184, 158, 159
Decimal	12099231
CIELab	67.39, 9.75, 3.02
CIElCh	67, 10.203, 17.211
Yxy	37.1473, 0.3375, 0.3277
Android (android.graphics.Color)	4290289311 (0xFFB89E9F)
YUV	165.8880, -3.3958, 15.8842
Hunter-Lab	60.9486, 5.3867, 5.7447

Details

The Yxy color **37.1473, 0.3375, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9851, 0.2922, 0.3303**, and the grayscale version is **38.0899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9688, 0.3322, 0.3280**, and **16.4234, 0.3452, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **30.7630, 0.3603, 0.3267**, and if you desaturate by 10%, it is **44.5630, 0.3192, 0.3286**.

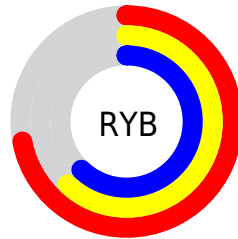
Distribution



Red (72%)

Green (62%)

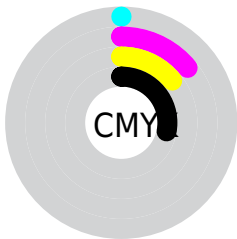
Blue (62%)



Red (72%)

Yellow (62%)

Blue (62%)

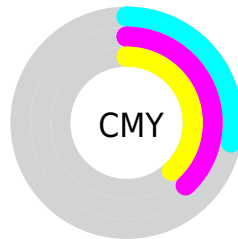


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1473, 0.3375, 0.3277 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 37.1473, 0.3375, 0.3277 by changing the saturation by 10% instead.


 37.1473, 0.3375,
0.3277


 37.1473, 0.3375,
0.3277


333.9478, 0.3246,
0.3285

 25.3216, 0.3409,
0.3275


 70.7993, 0.3327,
0.3280

 16.3168, 0.3454,
0.3271


 93.3943, 0.3309,
0.3281

 9.7486, 0.3516,
0.3266


120.3479, 0.3294,
0.3282

 5.2326, 0.3607,
0.3258

152.0444, 0.3282,
0.3283

 2.3844, 0.3752,
0.3243

188.8683, 0.3271,
0.3283

 0.8178, 0.4070,
0.3239


231.2038, 0.3261,


 0.0000, 0.0000,


0.3284


0.0000


279.4356, 0.3253,
0.3284

 37.1473, 0.3375,
0.3277

 37.1473, 0.3375,
0.3277


 30.7630, 0.3603,
0.3267


 44.5630, 0.3192,
0.3286


 25.3599, 0.3886,
0.3258


 53.0477, 0.3045,
0.3295


 20.8907, 0.4230,
0.3249

 62.6431, 0.2927,
0.3303

 17.3025, 0.4637,
0.3242

 73.3875, 0.2831,
0.3310

 14.5371, 0.5092,
0.3240

 85.3171, 0.2753,
0.3316

■ 12.5293, 0.5555,
0.3244

■ 88.9350, 0.2721,
0.3289

■ 11.2040, 0.5965,
0.3256

■ 10.4708, 0.6252,
0.3274

■ 10.2105, 0.6360,
0.3277

Harmonies

Analogous

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



37.1473, 0.3252, 0.3152



37.1473, 0.3375, 0.3277



37.1473, 0.3431, 0.3408

Triad

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



37.1473, 0.3375, 0.3277



37.1473, 0.3152, 0.3532



37.1473, 0.2858, 0.3064

Complementary

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



37.1473, 0.3375, 0.3277



44.9851, 0.2922, 0.3303

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.



37.1473, 0.2833, 0.3160



37.1473, 0.3375, 0.3277



37.1473, 0.3000, 0.3434

Square

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



37.1473, 0.3375, 0.3277



37.1473, 0.3299, 0.3560



37.1473, 0.2885, 0.3296



37.1473, 0.2953, 0.3030

Rectangle

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



37.1473, 0.3375, 0.3277



37.1473, 0.3421, 0.3483



37.1473, 0.2885, 0.3296



37.1473, 0.2841, 0.3090

Sweetspot

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



37.1490, 0.3375, 0.3277



80.8691, 0.3191, 0.3286



37.9480, 0.3131, 0.2945



17.2018, 0.3203, 0.3286



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.1490, 0.3375, 0.3277



63.4917, 0.3441, 0.3274



41.3050, 0.3362, 0.3449



9.0177, 0.3282, 0.3282



7.0362, 0.6351, 0.3272



0.2500, 0.6156, 0.3165

Inverse Universe

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



37.1490, 0.3375, 0.3277



63.4917, 0.3441, 0.3274



40.3564, 0.2910, 0.3126



9.0177, 0.3282, 0.3282



7.0362, 0.6351, 0.3272



0.2500, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 37.1473, 0.3375, 0.3277 looks on a white background.

Color Contrast Check

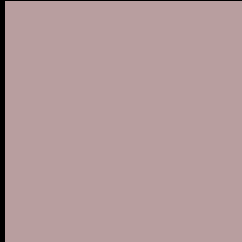
Large Text (above 18pt) WCAG AA × Fail

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 37.1473, 0.3375, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

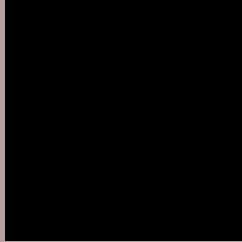
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1473, 0.3375, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 37.1473, 0.3375, 0.3277.



This preview shows how white text looks on a background with the Yxy color 37.1473, 0.3375, 0.3277.

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

37.1473, 0.3375, 0.3277

Protanopia

37.1279, 0.3183, 0.3304

Deuteranopia

37.2446, 0.3353, 0.3291



Tritanopia

36.9558, 0.3293, 0.3115

Trichromacy



Original Color

37.1473, 0.3375, 0.3277

Protanomaly

37.0616, 0.3252, 0.3290

Deuteranomaly

37.3668, 0.3363, 0.3291

Tritanomaly

37.1448, 0.3329, 0.3182

Monochromacy



Original Color

37.1473, 0.3375, 0.3277

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7230, 0.3222, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1473, 0.3375, 0.3277 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(184, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 158, 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(184, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 158, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.1473, 0.3375, 0.3277 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(184, 158, 159) }
```

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

```
.border{ border-color:rgb(184, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 158,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1473, 0.3375, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 158, 159) }
```

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

```
.background{ background-color: rgb(184,  
158, 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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