

Converting Colors

$Yxy(37.2108, 0.3424, 0.3275)$

Have a look what the booklet for
Yxy(37.2108, 0.3424, 0.3275)
contains.

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Color

Yxy(37.2739, 0.3426, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BC9D9E
RGB	188, 157, 158
RGB Percent	74%, 62%, 62%
CMY	0.2628, 0.3843, 0.3803
CMYK	0.00, 0.16, 0.16, 0.26
HSL	358°, 19%, 68%
HSV	358°, 16%, 74%
XYZ	38.9687, 37.2739, 37.5014
YIQ	166.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

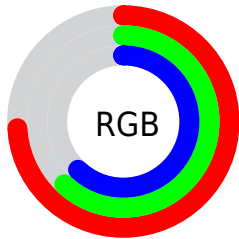
Format	Color
R _Y B	188, 157, 158
Decimal	12361118
CIE _{Lab}	67.48, 11.61, 3.74
CIE _{LCh}	67, 12.198, 17.864
Y _{xy}	37.2739, 0.3426, 0.3277
Android (android.graphics.Color)	4290551198 (0xFFBC9D9E)
YUV	166.3830, -4.1328, 18.9581
Hunter-Lab	61.0524, 7.0919, 6.3178

Details

The Yxy color **37.2739, 0.3426, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7197, 0.2889, 0.3303**, and the grayscale version is **38.3434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3035, 0.3368, 0.3280**, and **16.4379, 0.3512, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **30.8154, 0.3668, 0.3269**, and if you desaturate by 10%, it is **44.8071, 0.3232, 0.3285**.

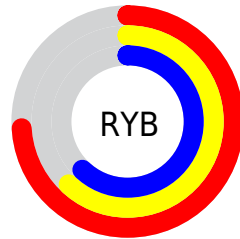
Distribution



Red (74%)

Green (62%)

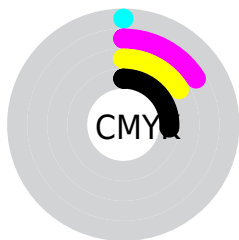
Blue (62%)



Red (74%)

Yellow (62%)

Blue (62%)

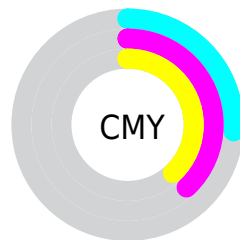


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2739, 0.3426, 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 37.2739, 0.3426, 0.3277 by changing the saturation by 10% instead.


 37.2739, 0.3426,
0.3277


 37.2739, 0.3426,
0.3277


334.4948, 0.3270,
0.3285

 25.4196, 0.3467,
0.3274


 70.9938, 0.3368,
0.3280

 16.3900, 0.3521,
0.3271


 93.6283, 0.3346,
0.3282

 9.8005, 0.3596,
0.3265


120.6250, 0.3329,
0.3283

 5.2669, 0.3705,
0.3255

152.3682, 0.3313,
0.3283

 2.4047, 0.3880,
0.3237

189.2424, 0.3300,
0.3284

 0.8283, 0.4265,
0.3235

231.6320, 0.3289,

 0.0000, 1.0000,

0.3284

0.0000

279.9213, 0.3279,
0.3285

0.0000, 0.0000,
0.0000

37.2739, 0.3426,
0.3277

37.2739, 0.3426,
0.3277

30.8154, 0.3668,
0.3269

44.8071, 0.3232,
0.3285

25.3780, 0.3967,
0.3261

53.4555, 0.3076,
0.3293

20.9109, 0.4330,
0.3254

63.2637, 0.2951,
0.3299

17.3571, 0.4753,
0.3249

74.2724, 0.2850,
0.3306

14.6535, 0.5217,
0.3249

86.5203, 0.2768,
0.3311

■ 12.7291, 0.5675,
0.3254

■ 89.4309, 0.2742,
0.3289

■ 11.5014, 0.6059,
0.3266

■ 10.8624, 0.6307,
0.3281

■ 10.7045, 0.6367,
0.3281

Harmonies

Analogous

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



37.2739, 0.3279, 0.3129



37.2739, 0.3426, 0.3277



37.2739, 0.3491, 0.3433

Triad

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



37.2739, 0.3426, 0.3277



37.2739, 0.3152, 0.3579



37.2739, 0.2808, 0.3019

Complementary

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



37.2739, 0.3426, 0.3277



46.7197, 0.2889, 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.



37.2739, 0.2777, 0.3131



37.2739, 0.3426, 0.3277



37.2739, 0.2972, 0.3459

Square

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



37.2739, 0.3426, 0.3277



37.2739, 0.3329, 0.3614



37.2739, 0.2836, 0.3292



37.2739, 0.2923, 0.2981

Rectangle

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



37.2739, 0.3426, 0.3277



37.2739, 0.3477, 0.3522



37.2739, 0.2836, 0.3292



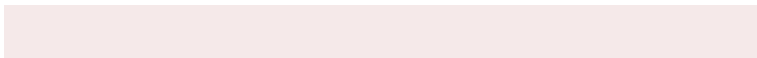
37.2739, 0.2788, 0.3048

Sweetspot

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



37.2756, 0.3426, 0.3277



83.2867, 0.3208, 0.3286



38.3059, 0.3136, 0.2887



17.6858, 0.3220, 0.3286



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.2756, 0.3426, 0.3277



62.8366, 0.3513, 0.3274



42.4277, 0.3405, 0.3483



9.5414, 0.3283, 0.3283



7.2907, 0.6359, 0.3277



0.2874, 0.6199, 0.3189

Inverse Universe

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



37.2756, 0.3426, 0.3277



62.8366, 0.3513, 0.3274



40.8910, 0.2873, 0.3089



9.5414, 0.3283, 0.3283



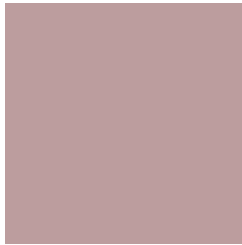
7.2907, 0.6359, 0.3277



0.2874, 0.6199, 0.3189

Previews

White Background



This preview shows how the Yxy color 37.2739, 0.3426, 0.3277 looks on a white background.

Color Contrast Check

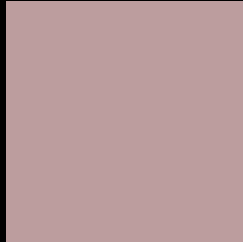
Large Text (above 18pt) WCAG AA × Fail

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 37.2739, 0.3426, 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 37.2739, 0.3426, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 37.2739, 0.3426, 0.3277.



This preview shows how white text looks on a background with the Yxy color 37.2739, 0.3426, 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

37.2739, 0.3426, 0.3277

Protanopia

37.4844, 0.3182, 0.3319

Deuteranopia

37.3322, 0.3372, 0.3304



Tritanopia

37.4229, 0.3342, 0.3131

Trichromacy



Original Color

37.2739, 0.3426, 0.3277

Protanomaly

37.1769, 0.3262, 0.3290

Deuteranomaly

37.2366, 0.3394, 0.3291

Tritanomaly

37.2761, 0.3380, 0.3184

Monochromacy



Original Color

37.2739, 0.3426, 0.3277

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8374, 0.3232, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2739, 0.3426, 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(188, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(188, 157, 158)  
}
```

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(188, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.2739, 0.3426, 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(188, 157, 158) }
```

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

```
.border{ border-color:rgb(188, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(188, 157,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2739, 0.3426, 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(188, 157, 158) }
```

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

```
.background{ background-color: rgb(188,  
157, 158) }
```

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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