

Converting Colors

$Yxy(37.0352, 0.3444, 0.3342)$

Have a look what the booklet for
Yxy(37.0352, 0.3444, 0.3342)
contains.

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Color

Yxy(37.2259, 0.3443, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	BA9E9A
RGB	186, 158, 154
RGB Percent	73%, 62%, 60%
CMY	0.2705, 0.3804, 0.3960
CMYK	0.00, 0.15, 0.17, 0.27
HSL	7°, 19%, 67%
HSV	7°, 17%, 73%
XYZ	38.3165, 37.2259, 35.7458
YIQ	165.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

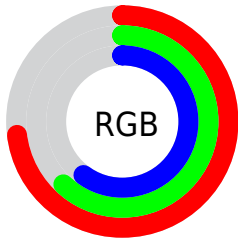
Format	Color
R _Y B	186, 159, 154
Decimal	12230298
CIE Lab	67.45, 9.68, 5.90
CIE LCh	67, 11.338, 31.372
Yxy	37.2259, 0.3443, 0.3345
Android (android.graphics.Color)	4290420378 (0xFFBA9E9A)
YUV	165.9160, -5.8746, 17.6137
Hunter-Lab	61.0130, 5.3262, 7.9728

Details

The Yxy color **37.2259, 0.3443, 0.3345** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9003, 0.2869, 0.3234**, and the grayscale version is **38.1157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0198, 0.3380, 0.3343**, and **16.4002, 0.3535, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **31.4596, 0.3683, 0.3380**, and if you desaturate by 10%, it is **43.8288, 0.3246, 0.3312**.

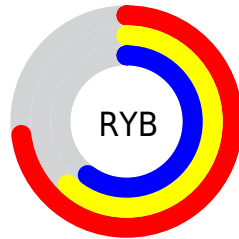
Distribution



Red (73%)

Green (62%)

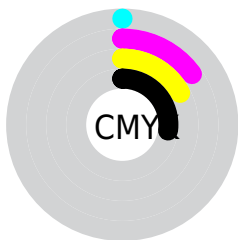
Blue (60%)



Red (73%)

Yellow (62%)

Blue (60%)

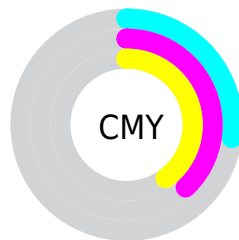


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2259, 0.3443, 0.3345 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 37.2259, 0.3443, 0.3345 by changing the saturation by 10% instead.

 37.2259, 0.3443,
0.3345


 37.2259, 0.3443,
0.3345


334.2875, 0.3278,
0.3318

 25.3824, 0.3487,
0.3351


 70.9201, 0.3381,
0.3336

 16.3622, 0.3544,
0.3359


 93.5396, 0.3359,
0.3332

 9.7808, 0.3623,
0.3369


120.5199, 0.3340,
0.3329

 5.2539, 0.3739,
0.3382

152.2455, 0.3324,
0.3326

 2.3970, 0.3925,
0.3398

189.1006, 0.3310,
0.3324

 0.8243, 0.4410,
0.3520


231.4697, 0.3298,


 0.0000, 0.0000,


0.3322


0.0000

279.7372, 0.3287,
0.3320


 37.2259, 0.3443,
0.3345


 37.2259, 0.3443,
0.3345

 31.4596, 0.3683,
0.3380


 43.8288, 0.3246,
0.3312


 26.4917, 0.3975,
0.3414


 51.2946, 0.3085,
0.3282


 22.2883, 0.4322,
0.3446

 59.6548, 0.2954,
0.3254

 18.8115, 0.4722,
0.3471

 68.9375, 0.2846,
0.3229

 16.0198, 0.5157,
0.3483

 79.1698, 0.2756,
0.3206

■ 13.8676, 0.5591,
0.3475

■ 89.1833, 0.2731,
0.3289

■ 12.3038, 0.5967,
0.3444

■ 11.2675, 0.6234,
0.3394

■ 11.0591, 0.6294,
0.3385

Harmonies

Analogous

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



37.2259, 0.3337, 0.3199



37.2259, 0.3443, 0.3345



37.2259, 0.3461, 0.3481

Triad

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



37.2259, 0.3443, 0.3345



37.2259, 0.3072, 0.3516



37.2259, 0.2870, 0.3012

Complementary

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



37.2259, 0.3443, 0.3345



43.9003, 0.2869, 0.3234

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.



37.2259, 0.2804, 0.3088



37.2259, 0.3443, 0.3345



37.2259, 0.2918, 0.3380

Square

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



37.2259, 0.3443, 0.3345



37.2259, 0.3244, 0.3587



37.2259, 0.2821, 0.3221



37.2259, 0.3005, 0.3010

Rectangle

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



37.2259, 0.3443, 0.3345



37.2259, 0.3421, 0.3549



37.2259, 0.2821, 0.3221



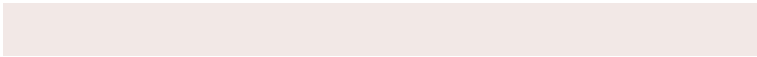
37.2259, 0.2839, 0.3030

Sweetspot

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



37.2276, 0.3443, 0.3345



82.1531, 0.3209, 0.3306



36.9508, 0.3181, 0.2917



17.8891, 0.3221, 0.3308



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.



37.2276, 0.3443, 0.3345



62.9451, 0.3537, 0.3359



42.9572, 0.3408, 0.3555



9.1869, 0.3285, 0.3319



7.4988, 0.6279, 0.3397



0.3231, 0.5912, 0.3688

Inverse Universe

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



43.9003, 0.2869, 0.3234



77.5077, 0.2809, 0.3220



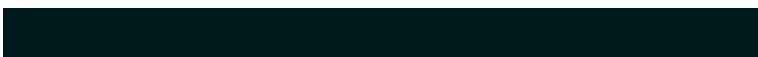
37.7972, 0.2858, 0.3010



10.0154, 0.2985, 0.3261



20.0658, 0.2139, 0.2899



0.7611, 0.2169, 0.3009

Previews

White Background



This preview shows how the Yxy color 37.2259, 0.3443, 0.3345 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 37.2259, 0.3443, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

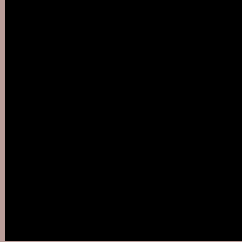
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2259, 0.3443, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 37.2259, 0.3443, 0.3345.



This preview shows how white text looks on a background with the Yxy color 37.2259, 0.3443, 0.3345.

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

37.2259, 0.3443, 0.3345

Protanopia

37.4203, 0.3236, 0.3390

Deuteranopia

37.3197, 0.3420, 0.3359



Tritanopia

37.2955, 0.3332, 0.3130

Trichromacy



Original Color

37.2259, 0.3443, 0.3345

Protanomaly

37.3549, 0.3307, 0.3375

Deuteranomaly

37.4437, 0.3431, 0.3359

Tritanomaly

37.3231, 0.3368, 0.3210

Monochromacy



Original Color

37.2259, 0.3443, 0.3345

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6873, 0.3231, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2259, 0.3443, 0.3345 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(186, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 154)  
}
```

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(186, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.2259, 0.3443, 0.3345 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(186, 158, 154) }
```

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

```
.border{ border-color:rgb(186, 158, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2259, 0.3443, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 154) }
```

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

```
.background{ background-color: rgb(186,  
158, 154) }
```

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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