

Converting Colors

$Y_{xy}(37.6660, 0.2836, 0.3253)$

Have a look what the booklet for
Yxy(37.6660, 0.2836, 0.3253)
contains.

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Color

Yxy(37.6319, 0.2837, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	8BABAD
RGB	139, 171, 173
RGB Percent	55%, 67%, 68%
CMY	0.4547, 0.3294, 0.3215
CMYK	0.20, 0.01, 0.00, 0.32
HSL	184°, 17%, 61%
HSV	184°, 20%, 68%
XYZ	32.7590, 37.6319, 45.0798
YIQ	161.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

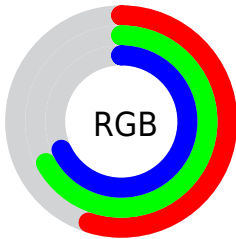
Format	Color
RYB	139, 155, 173
Decimal	9153453
CIELab	67.75, -10.42, -4.67
CIELCh	68, 11.419, 204.137
Yxy	37.6319, 0.2837, 0.3259
Android (android.graphics.Color)	4287343533 (0xFF8BABAD)
YUV	161.6600, 5.5906, -19.8728
Hunter-Lab	61.3448, -12.0319, -0.6283

Details

The Yxy color **37.6319, 0.2837, 0.3259** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8195, 0.3501, 0.3321**, and the grayscale version is **35.9486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3316, 0.2894, 0.3267**, and **16.6488, 0.2744, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **35.8719, 0.2702, 0.3242**, and if you desaturate by 10%, it is **39.6337, 0.2982, 0.3275**.

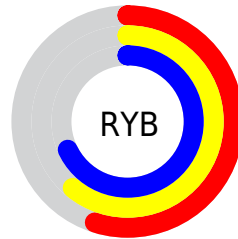
Distribution



Red (55%)

Green (67%)

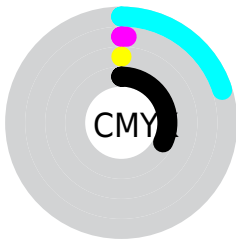
Blue (68%)



Red (55%)

Yellow (61%)

Blue (68%)

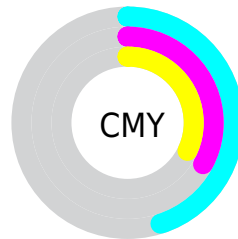


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (45%)


Magenta (33%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6319, 0.2837, 0.3259 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 37.6319, 0.2837, 0.3259 by changing the saturation by 10% instead.


 37.6319, 0.2837,
0.3259


 37.6319, 0.2837,
0.3259


336.0383, 0.2986,
0.3277

 25.6971, 0.2798,
0.3254


 71.5436, 0.2892,
0.3266

 16.5972, 0.2748,
0.3247


 94.2893, 0.2913,
0.3268

 9.9477, 0.2680,
0.3237


 121.4074, 0.2930,
0.3270

 5.3643, 0.2581,
0.3220

153.2824, 0.2944,
0.3272

 2.4626, 0.2427,
0.3192

190.2985, 0.2957,
0.3273

 0.8578, 0.2069,
0.3165

232.8403, 0.2968,

 0.0000, 0.0000,

0.3275

0.0000

281.2921, 0.2978,
0.3276

■ 37.6319, 0.2837,
0.3259

■ 37.6319, 0.2837,
0.3259

■ 35.8719, 0.2702,
0.3242

■ 39.6337, 0.2982,
0.3275

■ 34.3381, 0.2579,
0.3223

■ 41.8831, 0.3133,
0.3291

■ 33.0201, 0.2471,
0.3204

■ 44.3912, 0.3288,
0.3304

■ 31.9047, 0.2381,
0.3184

■ 47.1674, 0.3444,
0.3317

■ 30.9775, 0.2308,
0.3164

■ 50.2204, 0.3599,
0.3328

■ 30.2221, 0.2254,
0.3144

■ 53.5584, 0.3752,
0.3337

■ 29.6191, 0.2218,
0.3124

■ 56.1995, 0.3856,
0.3347

■ 29.1287, 0.2196,
0.3105

■ 56.6115, 0.3852,
0.3358

■ 29.1114, 0.2196,
0.3104

■ 57.0267, 0.3849,
0.3368

Harmonies

Analogous

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



37.6319, 0.2951, 0.3417



37.6319, 0.2837, 0.3259



37.6319, 0.2799, 0.3115

Triad

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



37.6319, 0.2837, 0.3259



37.6319, 0.3133, 0.3056



37.6319, 0.3414, 0.3557

Complementary

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



37.6319, 0.2837, 0.3259



29.8195, 0.3501, 0.3321

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.



37.6319, 0.3467, 0.3452



37.6319, 0.2837, 0.3259



37.6319, 0.3302, 0.3166

Square

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



37.6319, 0.2837, 0.3259



37.6319, 0.2967, 0.3003



37.6319, 0.3426, 0.3309



37.6319, 0.3284, 0.3592

Rectangle

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



37.6319, 0.2837, 0.3259



37.6319, 0.2821, 0.3046



37.6319, 0.3426, 0.3309



37.6319, 0.3441, 0.3528

Sweetspot

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



37.6334, 0.2837, 0.3259



72.3387, 0.3034, 0.3281



37.3010, 0.3089, 0.3791



15.6675, 0.3025, 0.3280



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.6334, 0.2837, 0.3259



65.8257, 0.2771, 0.3251



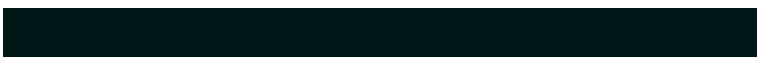
31.7301, 0.2822, 0.3004



8.9892, 0.2986, 0.3276



21.4122, 0.2196, 0.3106



0.6197, 0.2213, 0.3166

Inverse Universe

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



30.3028, 0.3170, 0.2839



50.0959, 0.3181, 0.2728



35.1119, 0.3456, 0.3561



8.1397, 0.3146, 0.3080



8.4646, 0.3362, 0.1626



0.2379, 0.3311, 0.1598

Previews

White Background



This preview shows how the Yxy color 37.6319, 0.2837, 0.3259 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 37.6319, 0.2837, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

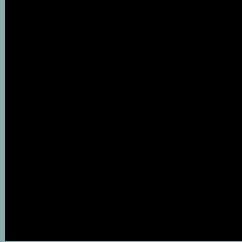
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

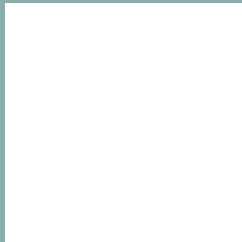
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.6319, 0.2837, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 37.6319, 0.2837, 0.3259.

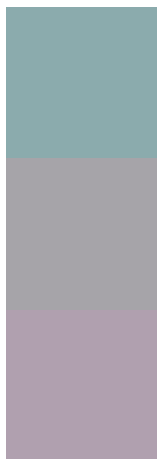


This preview shows how white text looks on a background with the Yxy color 37.6319, 0.2837, 0.3259.

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

37.6319, 0.2837, 0.3259

Protanopia

37.5225, 0.3103, 0.3219

Deuteranopia

37.4669, 0.3146, 0.3085



Tritanopia

37.4576, 0.2777, 0.3085

Trichromacy



Original Color

37.6319, 0.2837, 0.3259

Protanomaly

37.6076, 0.3003, 0.3246

Deuteranomaly

37.3934, 0.3033, 0.3148

Tritanomaly

37.5796, 0.2799, 0.3157

Monochromacy



Original Color

37.6319, 0.2837, 0.3259

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5335, 0.3018, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6319, 0.2837, 0.3259 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(139, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 173)  
}
```

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(139, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 173) }
```

Border

The CSS property to change the border of an element to Yxy 37.6319, 0.2837, 0.3259 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(139, 171, 173) }
```

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

```
.border{ border-color:rgb(139, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6319, 0.2837, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 173) }
```

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

```
.background{ background-color: rgb(139,  
171, 173) }
```

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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