

Converting Colors

Yxy(37.9237, 0.3156, 0.3208)

Have a look what the booklet for
Yxy(37.9237, 0.3156, 0.3208)
contains.

Yxy(37.8296, 0.3159, 0.3207)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8296, 0.3159, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	ACA3A9
RGB	172, 163, 169
RGB Percent	67%, 64%, 66%
CMY	0.3257, 0.3607, 0.3373
CMYK	0.00, 0.05, 0.02, 0.33
HSL	320°, 5%, 66%
HSV	320°, 5%, 67%
XYZ	37.2634, 37.8296, 42.8665
YIQ	166.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

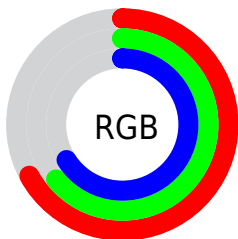
Format	Color
RYB	172, 163, 169
Decimal	11314089
CIELab	67.89, 4.33, -1.94
CIElCh	68, 4.744, 335.912
Yxy	37.8296, 0.3159, 0.3207
Android (android.graphics.Color)	4289504169 (0xFFACA3A9)
YUV	166.3750, 1.2941, 4.9331
Hunter-Lab	61.5058, 0.5095, 1.7319

Details

The Yxy color **37.8296, 0.3159, 0.3207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0298, 0.3097, 0.3374**, and the grayscale version is **38.3144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8555, 0.3152, 0.3226**, and **16.6463, 0.3173, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **31.9234, 0.3229, 0.3041**, and if you desaturate by 10%, it is **44.5788, 0.3100, 0.3364**.

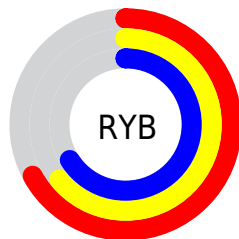
Distribution



Red (67%)

Green (64%)

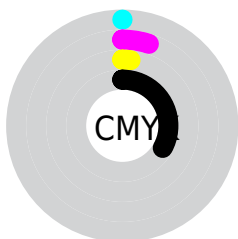
Blue (66%)



Red (67%)

Yellow (64%)

Blue (66%)

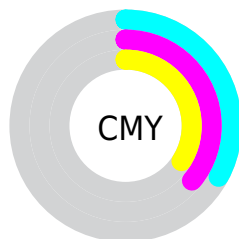


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8296, 0.3159, 0.3207 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 37.8296, 0.3159, 0.3207 by changing the saturation by 10% instead.


 37.8296, 0.3159,
0.3207


 37.8296, 0.3159,
0.3207


336.8884, 0.3143,
0.3250

 25.8505, 0.3163,
0.3196

 71.8469, 0.3153,
0.3223

 16.7118, 0.3169,
0.3181


 94.6538, 0.3151,
0.3229

 10.0292, 0.3176,
0.3162


121.8388, 0.3149,
0.3234

 5.4183, 0.3187,
0.3133

153.7863, 0.3147,
0.3238

 2.4947, 0.3204,
0.3088

190.8805, 0.3146,
0.3241

 0.8740, 0.3234,
0.3007

233.5061, 0.3145,

 0.0000, 0.0000,

0.3245

0.0000

282.0472, 0.3144,
0.3247

■ 37.8296, 0.3159,
0.3207

■ 37.8296, 0.3159,
0.3207

■ 31.9234, 0.3229,
0.3041

■ 44.5788, 0.3100,
0.3364

■ 26.8219, 0.3311,
0.2870

■ 52.1975, 0.3051,
0.3512

■ 22.4911, 0.3406,
0.2698

■ 60.7174, 0.3010,
0.3649

■ 18.8926, 0.3514,
0.2532

■ 70.1668, 0.2975,
0.3775

■ 15.9848, 0.3636,
0.2380

■ 80.5730, 0.2947,
0.3891

■ 13.7220, 0.3769,
0.2252

■ 84.6108, 0.2918,
0.3884

■ 12.0525, 0.3909,
0.2160

■ 84.8888, 0.2889,
0.3816

■ 10.9172, 0.4053,
0.2112

■ 85.1771, 0.2860,
0.3748

■ 10.2422, 0.4195,
0.2113

■ 85.4756, 0.2830,
0.3680

Harmonies

Analogous

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



37.8296, 0.3087, 0.3174



37.8296, 0.3159, 0.3207



37.8296, 0.3223, 0.3262

Triad

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



37.8296, 0.3159, 0.3207



37.8296, 0.3228, 0.3410



37.8296, 0.2995, 0.3254

Complementary

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



37.8296, 0.3159, 0.3207



40.0298, 0.3097, 0.3374

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.



37.8296, 0.3032, 0.3318



37.8296, 0.3159, 0.3207



37.8296, 0.3166, 0.3409

Square

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



37.8296, 0.3159, 0.3207



37.8296, 0.3263, 0.3379



37.8296, 0.3095, 0.3376



37.8296, 0.2993, 0.3200

Rectangle

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



37.8296, 0.3159, 0.3207



37.8296, 0.3252, 0.3303



37.8296, 0.3095, 0.3376



37.8296, 0.3004, 0.3275

Sweetspot

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



37.8312, 0.3159, 0.3207



72.3743, 0.3139, 0.3258



37.2691, 0.3076, 0.3164



15.7580, 0.3139, 0.3260



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.



37.8312, 0.3159, 0.3207



67.6313, 0.3165, 0.3192



37.6714, 0.3197, 0.3267



8.4928, 0.3168, 0.3186



7.4555, 0.4250, 0.2115



0.2170, 0.3865, 0.1903

Inverse Universe

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



37.8312, 0.3159, 0.3207



67.6313, 0.3165, 0.3192



40.1913, 0.3061, 0.3313



8.4928, 0.3168, 0.3186



7.4555, 0.4250, 0.2115



0.2170, 0.3865, 0.1903

Previews

White Background



This preview shows how the Yxy color 37.8296, 0.3159, 0.3207 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 37.8296, 0.3159, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

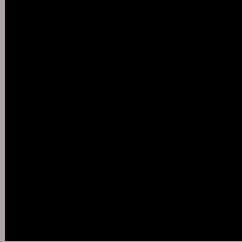
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

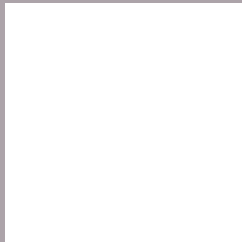
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.8296, 0.3159, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 37.8296, 0.3159, 0.3207.



This preview shows how white text looks on a background with the Yxy color 37.8296, 0.3159, 0.3207.

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

37.8296, 0.3159, 0.3207

Protanopia

38.0280, 0.3103, 0.3220

Deuteranopia

37.7472, 0.3229, 0.3154



Tritanopia

37.8200, 0.3117, 0.3111

Trichromacy



Original Color

37.8296, 0.3159, 0.3207

Protanomaly

37.8882, 0.3122, 0.3206

Deuteranomaly

37.7391, 0.3200, 0.3167

Tritanomaly

37.7420, 0.3134, 0.3138

Monochromacy



Original Color

37.8296, 0.3159, 0.3207

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0251, 0.3138, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8296, 0.3159, 0.3207 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(172, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 169)  
}
```

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(172, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 37.8296, 0.3159, 0.3207 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(172, 163, 169) }
```

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

```
.border{ border-color:rgb(172, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8296, 0.3159, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 169) }
```

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

```
.background{ background-color: rgb(172,  
163, 169) }
```

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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