

Converting Colors

$Yxy(38.1582, 0.3226, 0.3600)$

Have a look what the booklet for
Yxy(38.1582, 0.3226, 0.3600)
contains.

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Color

Yxy(37.9876, 0.3223, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	A0A994
RGB	160, 169, 148
RGB Percent	63%, 66%, 58%
CMY	0.3726, 0.3372, 0.4195
CMYK	0.05, 0.00, 0.12, 0.34
HSL	86°, 11%, 62%
HSV	86°, 12%, 66%
XYZ	34.0284, 37.9876, 33.5638
YIQ	163.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

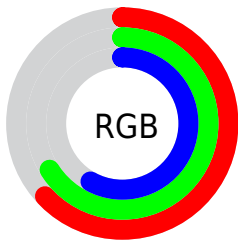
Format	Color
RYB	148, 169, 157
Decimal	10529172
CIELab	68.01, -7.08, 9.74
CIElCh	68, 12.047, 126.017
Yxy	37.9876, 0.3223, 0.3598
Android (android.graphics.Color)	4288719252 (0xFFA0A994)
YUV	163.9150, -7.8461, -3.4335
Hunter-Lab	61.6341, -9.3093, 10.8566

Details

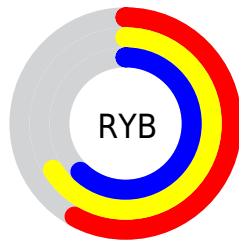
The Yxy color **37.9876, 0.3223, 0.3598** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2243, 0.3022, 0.2980**, and the grayscale version is **37.1192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0227, 0.3208, 0.3536**, and **16.7738, 0.3249, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **36.7649, 0.3299, 0.3866**, and if you desaturate by 10%, it is **39.3356, 0.3146, 0.3348**.

Distribution



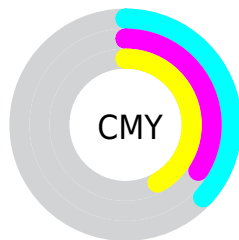
- Red (63%)
- Green (66%)
- Blue (58%)



- Red (58%)
- Yellow (66%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)





- Cyan (37%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9876, 0.3223, 0.3598 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 37.9876, 0.3223, 0.3598 by changing the saturation by 10% instead.


 37.9876, 0.3223,
0.3598


 37.9876, 0.3223,
0.3598


337.5668, 0.3175,
0.3436

 25.9731, 0.3235,
0.3641


 72.0891, 0.3205,
0.3537

 16.8035, 0.3251,
0.3698


 94.9449, 0.3199,
0.3515

 10.0945, 0.3272,
0.3777


122.1832, 0.3193,
0.3497

 5.4616, 0.3301,
0.3893

154.1885, 0.3188,
0.3481

 2.5206, 0.3343,
0.4081

191.3451, 0.3184,
0.3468

 0.8869, 0.3639,
0.4816

234.0374, 0.3181,

 0.0000, 0.0000,

0.3456

0.0000

282.6498, 0.3177,
0.3446

■ 37.9876, 0.3223,
0.3598

■ 37.9876, 0.3223,
0.3598

■ 36.7649, 0.3299,
0.3866

■ 39.3356, 0.3146,
0.3348

■ 35.6584, 0.3372,
0.4147

■ 40.8079, 0.3070,
0.3117

■ 34.6654, 0.3436,
0.4433

■ 42.4097, 0.2997,
0.2907

■ 33.7812, 0.3489,
0.4715

■ 44.1446, 0.2927,
0.2718

■ 33.0007, 0.3524,
0.4979

■ 46.0161, 0.2862,
0.2548

■ 32.3182, 0.3540,
0.5213

■ 48.0273, 0.2801,
0.2396

■ 31.7275, 0.3532,
0.5405

■ 49.4302, 0.2819,
0.2359

■ 31.2212, 0.3502,
0.5545

■ 50.5278, 0.2875,
0.2374

■ 30.8818, 0.3470,
0.5627

■ 51.6746, 0.2932,
0.2389

Harmonies

Analogous

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



37.9876, 0.3382, 0.3596



37.9876, 0.3223, 0.3598



37.9876, 0.3042, 0.3511

Triad

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



37.9876, 0.3223, 0.3598



37.9876, 0.2791, 0.3059



37.9876, 0.3371, 0.3217

Complementary

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



37.9876, 0.3223, 0.3598



31.2243, 0.3022, 0.2980

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.



37.9876, 0.3206, 0.3084



37.9876, 0.3223, 0.3598



37.9876, 0.2874, 0.2992

Square

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



37.9876, 0.3223, 0.3598



37.9876, 0.2796, 0.3193



37.9876, 0.3024, 0.3002



37.9876, 0.3470, 0.3371

Rectangle

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



37.9876, 0.3223, 0.3598



37.9876, 0.2933, 0.3414



37.9876, 0.3024, 0.3002



37.9876, 0.3321, 0.3168

Sweetspot

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



37.9892, 0.3223, 0.3598



70.0260, 0.3158, 0.3388



34.6094, 0.3331, 0.3418



15.2232, 0.3164, 0.3406



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.9892, 0.3223, 0.3598



67.3822, 0.3245, 0.3673



36.9801, 0.3128, 0.3607



8.6107, 0.3199, 0.3517



23.0456, 0.3477, 0.5621



0.5900, 0.3716, 0.5431

Inverse Universe

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



31.2243, 0.3022, 0.2980



52.7753, 0.2995, 0.2904



32.2949, 0.3124, 0.2989



7.4524, 0.3051, 0.3061



3.2127, 0.1912, 0.0827



0.1086, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 37.9876, 0.3223, 0.3598 looks on a white background.

Color Contrast Check

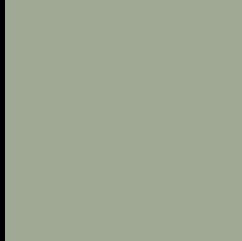
Large Text (above 18pt) WCAG AA × Fail

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 37.9876, 0.3223, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

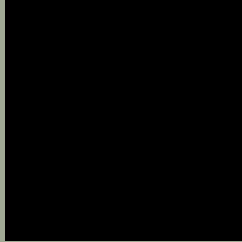
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

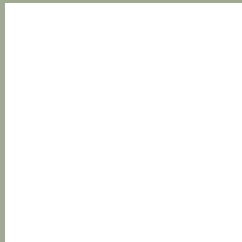
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9876, 0.3223, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 37.9876, 0.3223, 0.3598.



This preview shows how white text looks on a background with the Yxy color 37.9876, 0.3223, 0.3598.

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

37.9876, 0.3223, 0.3598

Protanopia

37.8698, 0.3373, 0.3561

Deuteranopia

37.9084, 0.3487, 0.3427



Tritanopia

38.0171, 0.3008, 0.3108

Trichromacy



Original Color

37.9876, 0.3223, 0.3598

Protanomaly

37.7039, 0.3313, 0.3564

Deuteranomaly

37.7114, 0.3389, 0.3487

Tritanomaly

37.8490, 0.3091, 0.3276

Monochromacy



Original Color

37.9876, 0.3223, 0.3598

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.5276, 0.3168, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9876, 0.3223, 0.3598 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(160, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 169, 148)  
}
```

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(160, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 169, 148) }
```

Border

The CSS property to change the border of an element to Yxy 37.9876, 0.3223, 0.3598 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(160, 169, 148) }
```

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

```
.border{ border-color:rgb(160, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 169, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 169, 148); box-shadow:4px 4px 4px 4px rgb(160, 169, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9876, 0.3223, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 169, 148) }
```

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

```
.background{ background-color: rgb(160,  
169, 148) }
```

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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