

Converting Colors

$Yxy(37.7908, 0.3170, 0.3658)$

Have a look what the booklet for
Yxy(37.7908, 0.3170, 0.3658)
contains.

Yxy(37.9734, 0.3173, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9734, 0.3173, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	99AB92
RGB	153, 171, 146
RGB Percent	60%, 67%, 57%
CMY	0.4000, 0.3294, 0.4275
CMYK	0.11, 0.00, 0.15, 0.33
HSL	103°, 13%, 62%
HSV	103°, 15%, 67%
XYZ	32.8847, 37.9734, 32.7811
YIQ	162.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

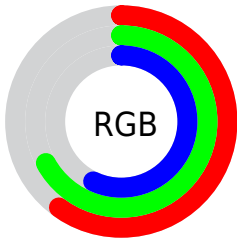
Format	Color
RYB	146, 171, 164
Decimal	10070930
CIELab	68.00, -11.06, 10.78
CIELCh	68, 15.448, 135.727
Yxy	37.9734, 0.3173, 0.3664
Android (android.graphics.Color)	4288261010 (0xFF99AB92)
YUV	162.7680, -8.2666, -8.5665
Hunter-Lab	61.6226, -12.5834, 11.5956

Details

The Yxy color **37.9734, 0.3173, 0.3664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3842, 0.3073, 0.2928**, and the grayscale version is **36.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8282, 0.3162, 0.3585**, and **16.8447, 0.3191, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **36.3453, 0.3201, 0.3951**, and if you desaturate by 10%, it is **39.8080, 0.3142, 0.3402**.

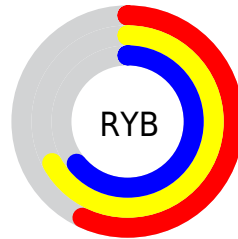
Distribution



Red (60%)

Green (67%)

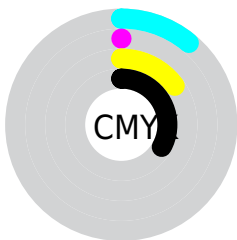
Blue (57%)



Red (57%)

Yellow (67%)

Blue (64%)

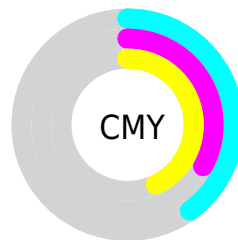


Cyan (11%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9734, 0.3173, 0.3664 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 37.9734, 0.3173, 0.3664 by changing the saturation by 10% instead.


 37.9734, 0.3173,
0.3664


 37.9734, 0.3173,
0.3664


337.5059, 0.3151,
0.3467

 25.9620, 0.3178,
0.3717


 72.0674, 0.3165,
0.3590

 16.7952, 0.3184,
0.3787


 94.9188, 0.3163,
0.3563

 10.0886, 0.3191,
0.3885


122.1523, 0.3160,
0.3540

 5.4578, 0.3199,
0.4031

154.1524, 0.3158,
0.3521

 2.5183, 0.3206,
0.4268

191.3034, 0.3156,
0.3504

 0.8858, 0.3428,
0.5310


233.9897, 0.3154,

 0.0000, 0.0000,


0.3490


0.0000


282.5957, 0.3153,
0.3478


 37.9734, 0.3173,
0.3664

 37.9734, 0.3173,
0.3664


 36.3453, 0.3201,
0.3951

 39.8080, 0.3142,
0.3402


 34.9115, 0.3225,
0.4260

 41.8511, 0.3110,
0.3167


 33.6661, 0.3242,
0.4582

 44.1109, 0.3078,
0.2959

 32.6007, 0.3249,
0.4903

 46.5935, 0.3047,
0.2774

 31.7064, 0.3244,
0.5208

 49.3051, 0.3018,
0.2612

■ 30.9736, 0.3226,
0.5477

■ 52.2514, 0.2989,
0.2470

■ 30.3914, 0.3193,
0.5691

■ 54.7304, 0.3040,
0.2437

■ 29.9473, 0.3150,
0.5837

■ 56.9491, 0.3138,
0.2462

■ 29.7549, 0.3128,
0.5899

■ 57.6093, 0.3166,
0.2469

Harmonies

Analogous

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



37.9734, 0.3394, 0.3697



37.9734, 0.3173, 0.3664



37.9734, 0.2946, 0.3518

Triad

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



37.9734, 0.3173, 0.3664



37.9734, 0.2721, 0.2956



37.9734, 0.3494, 0.3258

Complementary

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



37.9734, 0.3173, 0.3664



31.3842, 0.3073, 0.2928

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.



37.9734, 0.3302, 0.3077



37.9734, 0.3173, 0.3664



37.9734, 0.2857, 0.2904

Square

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



37.9734, 0.3173, 0.3664



37.9734, 0.2691, 0.3100



37.9734, 0.3068, 0.2949



37.9734, 0.3584, 0.3453

Rectangle

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



37.9734, 0.3173, 0.3664



37.9734, 0.2821, 0.3380



37.9734, 0.3068, 0.2949



37.9734, 0.3439, 0.3194

Sweetspot

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



37.9750, 0.3173, 0.3664



71.4827, 0.3140, 0.3388



37.2549, 0.3356, 0.3547



15.8837, 0.3143, 0.3407



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.



37.9750, 0.3173, 0.3664



66.8873, 0.3184, 0.3767



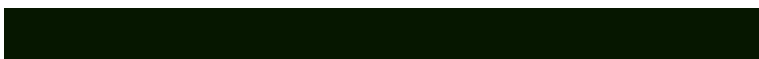
37.4858, 0.3065, 0.3587



9.0439, 0.3157, 0.3521



22.4515, 0.3134, 0.5894



0.6523, 0.3374, 0.5703

Inverse Universe

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



31.3842, 0.3073, 0.2928



52.4877, 0.3057, 0.2833



31.9480, 0.3196, 0.3011



8.0337, 0.3094, 0.3063



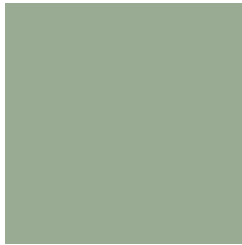
5.4249, 0.2521, 0.1163



0.1765, 0.2740, 0.1283

Previews

White Background



This preview shows how the Yxy color 37.9734, 0.3173, 0.3664 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 37.9734, 0.3173, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

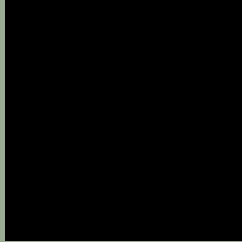
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9734, 0.3173, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 37.9734, 0.3173, 0.3664.



This preview shows how white text looks on a background with the Yxy color 37.9734, 0.3173, 0.3664.

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

37.9734, 0.3173, 0.3664

Protanopia

37.8921, 0.3411, 0.3603

Deuteranopia

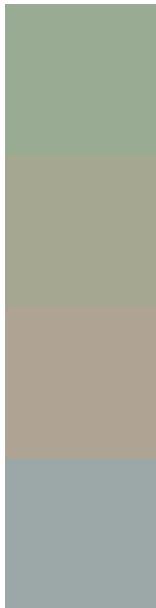
37.6258, 0.3519, 0.3441



Tritanopia

37.7962, 0.2947, 0.3105

Trichromacy



Original Color

37.9734, 0.3173, 0.3664

Protanomaly

37.7580, 0.3319, 0.3624

Deuteranomaly

37.4149, 0.3388, 0.3517

Tritanomaly

37.8632, 0.3027, 0.3304

Monochromacy



Original Color

37.9734, 0.3173, 0.3664

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.0777, 0.3140, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9734, 0.3173, 0.3664 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(153, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 146)  
}
```

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(153, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 146) }
```

Border

The CSS property to change the border of an element to Yxy 37.9734, 0.3173, 0.3664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

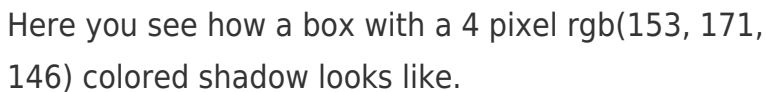
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 171, 146) }
```

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

```
.border{ border-color:rgb(153, 171, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 171, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 171, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 171, 146); box-shadow:4px 4px 4px 4px rgb(153, 171, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9734, 0.3173, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 146) }
```

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

```
.background{ background-color: rgb(153,  
171, 146) }
```

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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