

Converting Colors

$Yxy(38.0896, 0.3367, 0.3433)$

Have a look what the booklet for
Yxy(38.0896, 0.3367, 0.3433)
contains.

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Color

Yxy(38.0780, 0.3372, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	B3A399
RGB	179, 163, 153
RGB Percent	70%, 64%, 60%
CMY	0.2981, 0.3607, 0.4001
CMYK	0.00, 0.09, 0.15, 0.30
HSL	23°, 15%, 65%
HSV	23°, 15%, 70%
XYZ	37.4341, 38.0780, 35.5025
YIQ	166.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

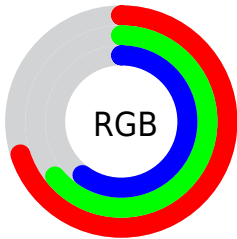
Format	Color
RYB	179, 169, 153
Decimal	11772825
CIELab	68.08, 4.10, 7.31
CIELCh	68, 8.377, 60.703
Yxy	38.0780, 0.3372, 0.3430
Android (android.graphics.Color)	4289962905 (0xFFB3A399)
YUV	166.6440, -6.7265, 10.8362
Hunter-Lab	61.7074, 0.2972, 9.0835

Details

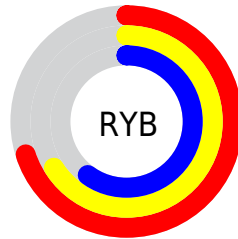
The Yxy color **38.0780, 0.3372, 0.3430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3842, 0.2905, 0.3146**, and the grayscale version is **38.4897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3100, 0.3327, 0.3408**, and **16.7638, 0.3449, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **33.7953, 0.3575, 0.3533**, and if you desaturate by 10%, it is **42.7923, 0.3198, 0.3332**.

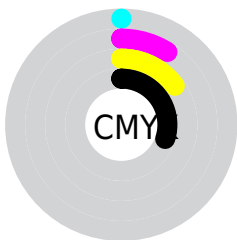
Distribution



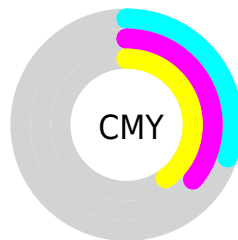
- Red (70%)
- Green (64%)
- Blue (60%)



- Red (70%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (30%)





- Cyan (30%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0780, 0.3372, 0.3430 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 38.0780, 0.3372, 0.3430 by changing the saturation by 10% instead.


 38.0780, 0.3372,
0.3430


 38.0780, 0.3372,
0.3430


337.9545, 0.3245,
0.3359

 26.0432, 0.3405,
0.3448


 72.2277, 0.3325,
0.3404

 16.8560, 0.3449,
0.3472


 95.1114, 0.3307,
0.3394

 10.1319, 0.3509,
0.3504


122.3802, 0.3293,
0.3386

 5.4865, 0.3597,
0.3549

154.4185, 0.3280,
0.3379

 2.5354, 0.3736,
0.3619

191.6106, 0.3270,
0.3373

 0.8943, 0.4130,
0.3868

234.3411, 0.3260,

 0.0000, 0.0000,

0.3367

0.0000

282.9942, 0.3252,
0.3363

■ 38.0780, 0.3372,
0.3430

■ 38.0780, 0.3372,
0.3430

■ 33.7953, 0.3575,
0.3533

■ 42.7923, 0.3198,
0.3332

■ 29.9266, 0.3809,
0.3637

■ 47.9452, 0.3048,
0.3241

■ 26.4605, 0.4076,
0.3739

■ 53.5498, 0.2921,
0.3157

■ 23.3829, 0.4372,
0.3831

■ 59.6171, 0.2811,
0.3079

■ 20.6791, 0.4692,
0.3902

■ 66.1578, 0.2717,
0.3008

■ 18.3330, 0.5018,
0.3940

■ 72.8314, 0.2663,
0.3000

■ 16.3274, 0.5329,
0.3933

■ 79.1096, 0.2677,
0.3124

■ 14.6427, 0.5599,
0.3874

■ 85.7801, 0.2691,
0.3245

■ 13.8437, 0.5733,
0.3830

■ 88.3227, 0.2696,
0.3289

Harmonies

Analogous

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



38.0780, 0.3357, 0.3329



38.0780, 0.3372, 0.3430



38.0780, 0.3320, 0.3496

Triad

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



38.0780, 0.3372, 0.3430



38.0780, 0.2976, 0.3359



38.0780, 0.3035, 0.3083

Complementary

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



38.0780, 0.3372, 0.3430



38.3842, 0.2905, 0.3146

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.



38.0780, 0.2936, 0.3086



38.0780, 0.3372, 0.3430



38.0780, 0.2903, 0.3244

Square

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



38.0780, 0.3372, 0.3430



38.0780, 0.3091, 0.3456



38.0780, 0.2888, 0.3144



38.0780, 0.3160, 0.3132

Rectangle

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



38.0780, 0.3372, 0.3430



38.0780, 0.3255, 0.3510



38.0780, 0.2888, 0.3144



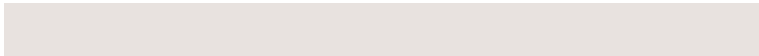
38.0780, 0.2998, 0.3078

Sweetspot

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



38.0797, 0.3372, 0.3430



77.0616, 0.3190, 0.3328



35.2223, 0.3237, 0.3070



16.9264, 0.3202, 0.3335



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.0797, 0.3372, 0.3430



66.0192, 0.3425, 0.3458



42.9154, 0.3347, 0.3604



9.0248, 0.3278, 0.3378



9.9016, 0.5712, 0.3847



0.4266, 0.5193, 0.4259

Inverse Universe

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



38.3842, 0.2905, 0.3146



66.6546, 0.2863, 0.3116



33.8046, 0.2899, 0.2955



9.0700, 0.2986, 0.3200



10.3030, 0.1887, 0.1994



0.4331, 0.1999, 0.2397

Previews

White Background



This preview shows how the Yxy color 38.0780, 0.3372, 0.3430 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 38.0780, 0.3372, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

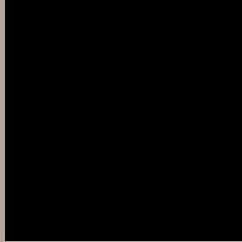
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

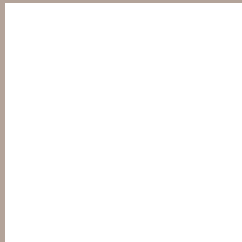
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0780, 0.3372, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 38.0780, 0.3372, 0.3430.



This preview shows how white text looks on a background with the Yxy color 38.0780, 0.3372, 0.3430.

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

38.0780, 0.3372, 0.3430

Protanopia

38.0140, 0.3291, 0.3446

Deuteranopia

38.0395, 0.3448, 0.3372



Tritanopia

38.1038, 0.3221, 0.3115

Trichromacy



Original Color

38.0780, 0.3372, 0.3430

Protanomaly

37.9980, 0.3322, 0.3431

Deuteranomaly

38.0132, 0.3416, 0.3387

Tritanomaly

38.0667, 0.3275, 0.3222

Monochromacy



Original Color

38.0780, 0.3372, 0.3430

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5390, 0.3209, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0780, 0.3372, 0.3430 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(179, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 163, 153)  
}
```

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(179, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 163, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.0780, 0.3372, 0.3430 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(179, 163, 153) }
```

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

```
.border{ border-color:rgb(179, 163, 153) }
```

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

Here you see how a box with a 4 pixel rgb(179, 163, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(179, 163,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0780, 0.3372, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 163, 153) }
```

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

```
.background{ background-color: rgb(179,  
163, 153) }
```

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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