

Converting Colors

$Yxy(38.9370, 0.3128, 0.3262)$

Have a look what the booklet for
Yxy(38.9370, 0.3128, 0.3262)
contains.

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Color

Yxy(38.9370, 0.3128, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A9A7A9
RGB	169, 167, 169
RGB Percent	66%, 65%, 66%
CMY	0.3374, 0.3450, 0.3372
CMYK	0.00, 0.01, 0.00, 0.34
HSL	298°, 1%, 66%
HSV	298°, 1%, 66%
XYZ	37.3375, 38.9370, 43.0909
YIQ	167.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

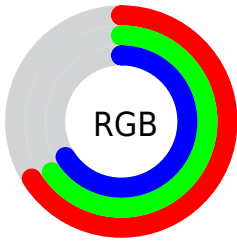
Format	Color
RYB	169, 167, 169
Decimal	11118505
CIELab	68.71, 1.08, -0.79
CIELCh	69, 1.340, 323.654
Yxy	38.9370, 0.3128, 0.3262
Android (android.graphics.Color)	4289308585 (0xFFA9A7A9)
YUV	167.8260, 0.5788, 1.0296
Hunter-Lab	62.3995, -2.3915, 2.7361

Details

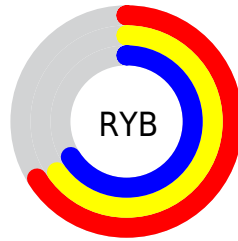
The Yxy color **38.9370, 0.3128, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3949, 0.3126, 0.3318**, and the grayscale version is **39.0639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4717, 0.3128, 0.3269**, and **17.3277, 0.3129, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **33.0967, 0.3135, 0.3021**, and if you desaturate by 10%, it is **45.5902, 0.3121, 0.3493**.

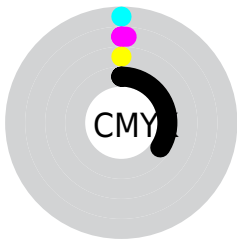
Distribution



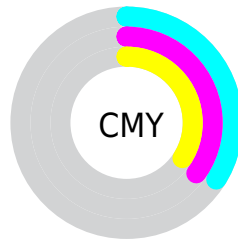
- Red (66%)
- Green (65%)
- Blue (66%)



- Red (66%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)




- Cyan (34%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9370, 0.3128, 0.3262 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 38.9370, 0.3128, 0.3262 by changing the saturation by 10% instead.


 38.9370, 0.3128,
0.3262


 38.9370, 0.3128,
0.3262

341.6226, 0.3128,
0.3277

 26.7107, 0.3128,
0.3258


 73.5421, 0.3128,
0.3267

 17.3561, 0.3128,
0.3253


 96.6896, 0.3128,
0.3269

 10.4887, 0.3128,
0.3247


124.2464, 0.3128,
0.3271

 5.7242, 0.3129,
0.3237

156.5969, 0.3128,
0.3272

 2.6781, 0.3129,
0.3222

194.1253, 0.3128,
0.3274

 0.9661, 0.3129,
0.3194

237.2161, 0.3128,

 0.0000, 0.0000,

0.3275

0.0000

286.2537, 0.3128,
0.3276

■ 38.9370, 0.3128,
0.3262

■ 38.9370, 0.3128,
0.3262

■ 33.0967, 0.3135,
0.3021

■ 45.5902, 0.3121,
0.3493

■ 28.0330, 0.3141,
0.2774

■ 53.0808, 0.3114,
0.3710

■ 23.7147, 0.3147,
0.2528

■ 61.4382, 0.3107,
0.3912

■ 20.1060, 0.3152,
0.2292

■ 70.6893, 0.3100,
0.4097

■ 17.1687, 0.3155,
0.2075

■ 80.8596, 0.3094,
0.4265

■ 14.8606, 0.3156,
0.1885

■ 83.1079, 0.3095,
0.4298

■ 13.1350, 0.3156,
0.1730

■ 83.1571, 0.3097,
0.4297

■ 11.9386, 0.3154,
0.1617

■ 83.2064, 0.3100,
0.4296

■ 11.2083, 0.3150,
0.1544

■ 83.2560, 0.3102,
0.4295

Harmonies

Analogous

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



38.9370, 0.3108, 0.3256



38.9370, 0.3128, 0.3262



38.9370, 0.3147, 0.3275

Triad

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



38.9370, 0.3128, 0.3262



38.9370, 0.3161, 0.3321



38.9370, 0.3093, 0.3288

Complementary

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



38.9370, 0.3128, 0.3262



39.3949, 0.3126, 0.3318

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.



38.9370, 0.3107, 0.3305



38.9370, 0.3128, 0.3262



38.9370, 0.3146, 0.3325

Square

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



38.9370, 0.3128, 0.3262



38.9370, 0.3166, 0.3310



38.9370, 0.3126, 0.3319



38.9370, 0.3088, 0.3271

Rectangle

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



38.9370, 0.3128, 0.3262



38.9370, 0.3158, 0.3287



38.9370, 0.3126, 0.3319



38.9370, 0.3097, 0.3294

Sweetspot

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



38.9387, 0.3128, 0.3262



71.0566, 0.3127, 0.3290



38.7491, 0.3110, 0.3263



15.4872, 0.3127, 0.3290



84.8088, 0.3127, 0.3290

Same Dimension

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



38.9387, 0.3128, 0.3262



69.9090, 0.3128, 0.3266



38.9094, 0.3136, 0.3275



8.7670, 0.3128, 0.3268



8.0724, 0.3146, 0.1507



0.1994, 0.3168, 0.1519

Inverse Universe

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



38.8717, 0.3145, 0.3289



69.8058, 0.3143, 0.3289



39.4239, 0.3118, 0.3305



8.7552, 0.3141, 0.3289



6.2949, 0.6365, 0.3280



0.1541, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 38.9370, 0.3128, 0.3262 looks on a white background.

Color Contrast Check

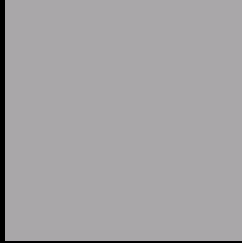
Large Text (above 18pt) WCAG AA × Fail

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 38.9370, 0.3128, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

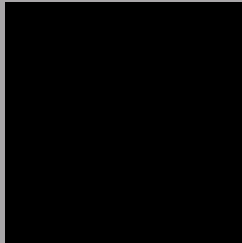
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

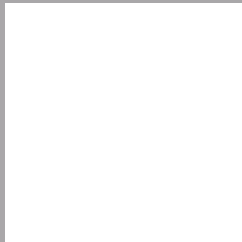
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9370, 0.3128, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 38.9370, 0.3128, 0.3262.

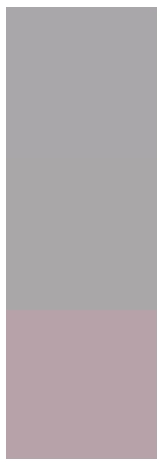


This preview shows how white text looks on a background with the Yxy color 38.9370, 0.3128, 0.3262.

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

38.9370, 0.3128, 0.3262

Protanopia

39.0481, 0.3138, 0.3262

Deuteranopia

38.8102, 0.3256, 0.3183



Tritanopia

39.0732, 0.3054, 0.3111

Trichromacy



Original Color

38.9370, 0.3128, 0.3262

Protanomaly

39.0481, 0.3138, 0.3262

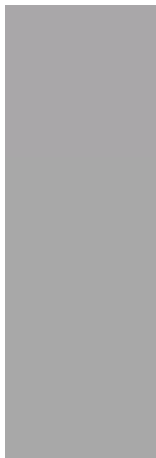
Deuteranomaly

38.9182, 0.3206, 0.3208

Tritanomaly

38.9136, 0.3087, 0.3165

Monochromacy



Original Color

38.9370, 0.3128, 0.3262

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1572, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9370, 0.3128, 0.3262 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(169, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 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(169, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.9370, 0.3128, 0.3262 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(169, 167, 169) }
```

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

```
.border{ border-color:rgb(169, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
169) }
```

Background

The CSS property to change the background color of an element to Yxy 38.9370, 0.3128, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 169) }
```

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

```
.background{ background-color: rgb(169,  
167, 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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