

Converting Colors

$Yxy(38.5079, 0.3173, 0.3263)$

Have a look what the booklet for
Yxy(38.5079, 0.3173, 0.3263)
contains.

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Color

Yxy(38.4709, 0.3175, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	ACA5A7
RGB	172, 165, 167
RGB Percent	67%, 65%, 65%
CMY	0.3255, 0.3529, 0.3450
CMYK	0.00, 0.04, 0.03, 0.33
HSL	343°, 4%, 66%
HSV	343°, 4%, 67%
XYZ	37.4449, 38.4709, 42.0208
YIQ	167.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

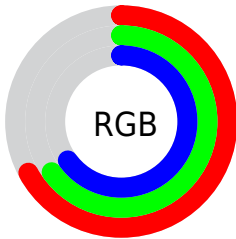
Format	Color
RYB	172, 165, 167
Decimal	11314599
CIELab	68.37, 2.89, -0.15
CIELCh	68, 2.896, 356.967
Yxy	38.4709, 0.3175, 0.3262
Android (android.graphics.Color)	4289504679 (0xFFACA5A7)
YUV	167.3210, -0.1583, 4.1035
Hunter-Lab	62.0249, -0.7820, 3.2495

Details

The Yxy color **38.4709, 0.3175, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4066, 0.3081, 0.3318**, and the grayscale version is **38.8090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7912, 0.3164, 0.3269**, and **17.0411, 0.3195, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **32.2477, 0.3311, 0.3190**, and if you desaturate by 10%, it is **45.5747, 0.3064, 0.3329**.

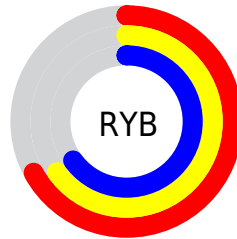
Distribution



Red (67%)

Green (65%)

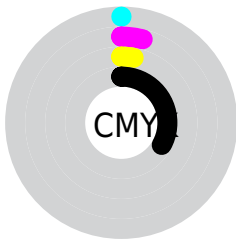
Blue (65%)



Red (67%)

Yellow (65%)

Blue (65%)

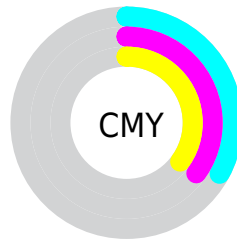


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4709, 0.3175, 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 38.4709, 0.3175, 0.3262 by changing the saturation by 10% instead.

■ 38.4709, 0.3175,
0.3262

■ 38.4709, 0.3175,
0.3262

■ 339.6357, 0.3150,
0.3277

■ 26.3484, 0.3181,
0.3258

■ 72.8293, 0.3166,
0.3267

■ 17.0844, 0.3190,
0.3253

■ 95.8340, 0.3162,
0.3269

■ 10.2947, 0.3201,
0.3246

■ 123.2349, 0.3160,
0.3271

■ 5.5948, 0.3218,
0.3237

■ 155.4163, 0.3157,
0.3272

■ 2.6003, 0.3244,
0.3221

■ 192.7627, 0.3155,
0.3274

■ 0.9268, 0.3292,
0.3193


■ 235.6585, 0.3153,


■ 0.0000, 0.0000,

0.3275

0.0000


284.4880, 0.3152,
0.3276


 38.4709, 0.3175,
0.3262


 38.4709, 0.3175,
0.3262


 32.2477, 0.3311,
0.3190


 45.5747, 0.3064,
0.3329


 26.8660, 0.3477,
0.3114


 53.5866, 0.2974,
0.3391


 22.2907, 0.3680,
0.3037

 62.5388, 0.2899,
0.3448

 18.4829, 0.3924,
0.2962

 72.4606, 0.2838,
0.3499

 15.3999, 0.4212,
0.2896

 83.3801, 0.2788,
0.3546

■ 12.9952, 0.4542,
0.2848

■ 86.6091, 0.2731,
0.3450

■ 11.2166, 0.4902,
0.2829

■ 87.3631, 0.2672,
0.3314

■ 10.0042, 0.5268,
0.2850

■ 87.5108, 0.2662,
0.3289

■ 9.2863, 0.5607,
0.2916

Harmonies

Analogous

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



38.4709, 0.3134, 0.3232



38.4709, 0.3175, 0.3262



38.4709, 0.3204, 0.3300

Triad

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



38.4709, 0.3175, 0.3262



38.4709, 0.3163, 0.3365



38.4709, 0.3044, 0.3244

Complementary

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



38.4709, 0.3175, 0.3262



40.4066, 0.3081, 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.



38.4709, 0.3051, 0.3280



38.4709, 0.3175, 0.3262



38.4709, 0.3120, 0.3350

Square

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



38.4709, 0.3175, 0.3262



38.4709, 0.3197, 0.3359



38.4709, 0.3080, 0.3319



38.4709, 0.3058, 0.3221

Rectangle

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



38.4709, 0.3175, 0.3262



38.4709, 0.3212, 0.3324



38.4709, 0.3080, 0.3319



38.4709, 0.3044, 0.3255

Sweetspot

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



38.4726, 0.3175, 0.3262



73.5539, 0.3139, 0.3283



38.4247, 0.3112, 0.3193



16.0004, 0.3138, 0.3283



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.



38.4726, 0.3175, 0.3262



68.5698, 0.3188, 0.3255



38.9062, 0.3191, 0.3310



8.5955, 0.3194, 0.3251



6.7041, 0.5764, 0.2949



0.1961, 0.4905, 0.2476

Inverse Universe

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



38.4726, 0.3175, 0.3262



68.5698, 0.3188, 0.3255



39.9535, 0.3065, 0.3270



8.5955, 0.3194, 0.3251



6.7041, 0.5764, 0.2949



0.1961, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 38.4709, 0.3175, 0.3262 looks on a white background.

Color Contrast Check

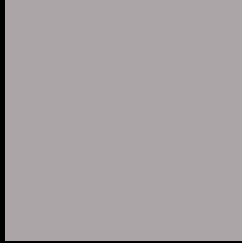
Large Text (above 18pt) WCAG AA × Fail

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 38.4709, 0.3175, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

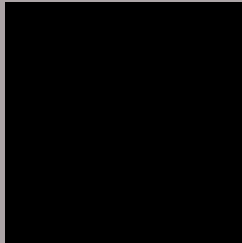
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

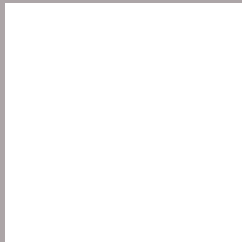
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4709, 0.3175, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 38.4709, 0.3175, 0.3262.

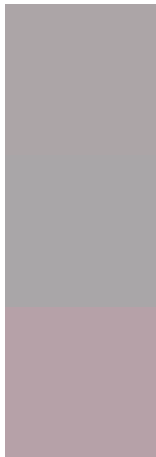


This preview shows how white text looks on a background with the Yxy color 38.4709, 0.3175, 0.3262.

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

38.4709, 0.3175, 0.3262

Protanopia

38.5346, 0.3138, 0.3262

Deuteranopia

38.2620, 0.3266, 0.3196



Tritanopia

38.5697, 0.3107, 0.3125

Trichromacy



Original Color

38.4709, 0.3175, 0.3262

Protanomaly

38.6456, 0.3147, 0.3262

Deuteranomaly

38.1328, 0.3226, 0.3208

Tritanomaly

38.4523, 0.3133, 0.3166

Monochromacy



Original Color

38.4709, 0.3175, 0.3262

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4975, 0.3146, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4709, 0.3175, 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(172, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 167)  
}
```

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, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.4709, 0.3175, 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(172, 165, 167) }
```

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

```
.border{ border-color:rgb(172, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4709, 0.3175, 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(172, 165, 167) }
```

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

```
.background{ background-color: rgb(172,  
165, 167) }
```

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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