

Converting Colors

Yxy(37.9510, 0.3211, 0.3390)

Have a look what the booklet for
Yxy(37.9510, 0.3211, 0.3390)
contains.

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Color

Yxy(38.1005, 0.3207, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	A8A69F
RGB	168, 166, 159
RGB Percent	66%, 65%, 62%
CMY	0.3411, 0.3490, 0.3765
CMYK	0.00, 0.01, 0.05, 0.34
HSL	47°, 5%, 64%
HSV	47°, 5%, 66%
XYZ	36.0437, 38.1005, 38.2466
YIQ	165.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

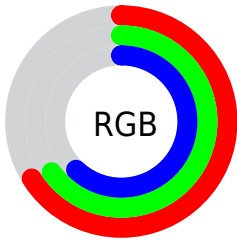
Format	Color
RYB	162, 168, 159
Decimal	11052703
CIELab	68.09, -0.57, 3.88
CIElCh	68, 3.917, 98.322
Yxy	38.1005, 0.3207, 0.3390
Android (android.graphics.Color)	4289242783 (0xFFA8A69F)
YUV	165.8000, -3.3524, 1.9294
Hunter-Lab	61.7256, -3.7874, 6.4705

Details

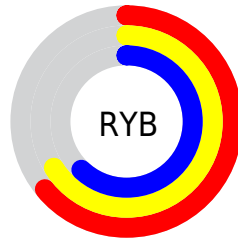
The Yxy color **38.1005, 0.3207, 0.3390** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6854, 0.3047, 0.3188**, and the grayscale version is **38.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2559, 0.3188, 0.3366**, and **16.8303, 0.3227, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **36.2155, 0.3365, 0.3583**, and if you desaturate by 10%, it is **40.1077, 0.3061, 0.3206**.

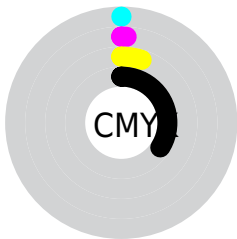
Distribution



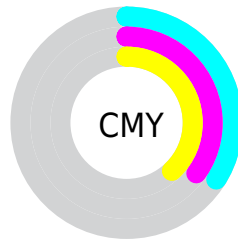
- Red (66%)
- Green (65%)
- Blue (62%)



- Red (64%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (34%)





- Cyan (34%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1005, 0.3207, 0.3390 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 38.1005, 0.3207, 0.3390 by changing the saturation by 10% instead.


 38.1005, 0.3207,
0.3390


 38.1005, 0.3207,
0.3390


338.0509, 0.3166,
0.3338

 26.0607, 0.3218,
0.3404


 72.2622, 0.3192,
0.3371

 16.8691, 0.3232,
0.3421


 95.1528, 0.3186,
0.3364

 10.1412, 0.3251,
0.3446


122.4292, 0.3181,
0.3358

 5.4927, 0.3279,
0.3481

154.4757, 0.3177,
0.3353

 2.5391, 0.3323,
0.3537

191.6767, 0.3174,
0.3348

 0.8962, 0.3436,
0.3675

234.4167, 0.3171,

 0.0000, 0.0000,

0.3345

0.0000

283.0799, 0.3168,
0.3341

■ 38.1005, 0.3207,
0.3390

■ 38.1005, 0.3207,
0.3390

■ 36.2155, 0.3365,
0.3583

■ 40.1077, 0.3061,
0.3206

■ 34.4444, 0.3533,
0.3780

■ 42.2356, 0.2928,
0.3034

■ 32.7850, 0.3709,
0.3978

■ 44.4890, 0.2808,
0.2873

■ 31.2334, 0.3889,
0.4168

■ 46.8709, 0.2699,
0.2725

■ 29.7852, 0.4066,
0.4341

■ 49.3841, 0.2602,
0.2590

■ 28.4357, 0.4233,
0.4488

■ 51.7191, 0.2540,
0.2513

■ 27.1797, 0.4383,
0.4599

■ 53.3462, 0.2546,
0.2558

■ 26.0112, 0.4509,
0.4667

■ 55.0151, 0.2552,
0.2603

■ 24.9226, 0.4607,
0.4689

■ 56.7263, 0.2558,
0.2648

Harmonies

Analogous

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



38.1005, 0.3238, 0.3366



38.1005, 0.3207, 0.3390



38.1005, 0.3155, 0.3387

Triad

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



38.1005, 0.3207, 0.3390



38.1005, 0.3017, 0.3256



38.1005, 0.3158, 0.3225

Complementary

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



38.1005, 0.3207, 0.3390



35.6854, 0.3047, 0.3188

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.



38.1005, 0.3099, 0.3196



38.1005, 0.3207, 0.3390



38.1005, 0.3018, 0.3213

Square

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



38.1005, 0.3207, 0.3390



38.1005, 0.3045, 0.3309



38.1005, 0.3048, 0.3191



38.1005, 0.3210, 0.3271

Rectangle

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



38.1005, 0.3207, 0.3390



38.1005, 0.3115, 0.3370



38.1005, 0.3048, 0.3191



38.1005, 0.3138, 0.3213

Sweetspot

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



38.1022, 0.3207, 0.3390



70.3185, 0.3157, 0.3328



35.6931, 0.3196, 0.3260



15.3354, 0.3155, 0.3325



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.



38.1022, 0.3207, 0.3390



68.8692, 0.3218, 0.3404



38.5783, 0.3182, 0.3419



8.6071, 0.3224, 0.3411



18.5296, 0.4642, 0.4696



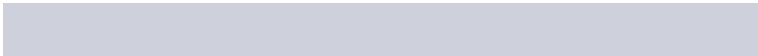
0.5191, 0.4468, 0.4834

Inverse Universe

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



35.6854, 0.3047, 0.3188



63.9107, 0.3036, 0.3174



35.2356, 0.3070, 0.3159



7.9481, 0.3030, 0.3166



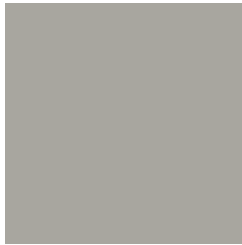
3.2216, 0.1573, 0.0862



0.1507, 0.1740, 0.1463

Previews

White Background



This preview shows how the Yxy color 38.1005, 0.3207, 0.3390 looks on a white background.

Color Contrast Check

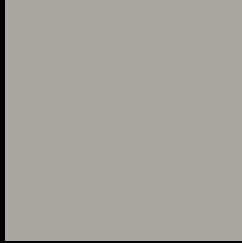
Large Text (above 18pt) WCAG AA × Fail

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 38.1005, 0.3207, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

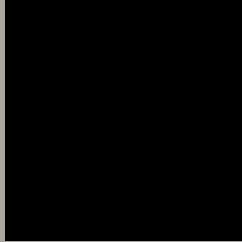
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

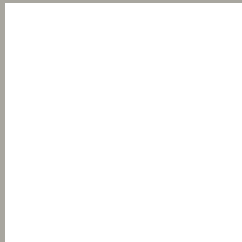
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1005, 0.3207, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 38.1005, 0.3207, 0.3390.



This preview shows how white text looks on a background with the Yxy color 38.1005, 0.3207, 0.3390.

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

38.1005, 0.3207, 0.3390

Protanopia

38.0714, 0.3236, 0.3375

Deuteranopia

37.8700, 0.3361, 0.3291



Tritanopia

37.9869, 0.3089, 0.3110

Trichromacy



Original Color

38.1005, 0.3207, 0.3390

Protanomaly

37.9595, 0.3227, 0.3375

Deuteranomaly

37.8437, 0.3299, 0.3318

Tritanomaly

37.9992, 0.3131, 0.3206

Monochromacy



Original Color

38.1005, 0.3207, 0.3390

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1323, 0.3162, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1005, 0.3207, 0.3390 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(168, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 159)  
}
```

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(168, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 159) }
```

Border

The CSS property to change the border of an element to Yxy 38.1005, 0.3207, 0.3390 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(168, 166, 159) }
```

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

```
.border{ border-color:rgb(168, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1005, 0.3207, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 159) }
```

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

```
.background{ background-color: rgb(168,  
166, 159) }
```

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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