

Converting Colors

$Yxy(42.1506, 0.3092, 0.3365)$

Have a look what the booklet for
Yxy(42.1506, 0.3092, 0.3365)
contains.

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Color

Yxy(42.2064, 0.3089, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	A7B0AB
RGB	167, 176, 171
RGB Percent	65%, 69%, 67%
CMY	0.3451, 0.3098, 0.3294
CMYK	0.05, 0.00, 0.03, 0.31
HSL	147°, 5%, 67%
HSV	147°, 5%, 69%
XYZ	38.8138, 42.2064, 44.6315
YIQ	172.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

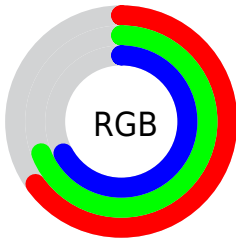
Format	Color
RYB	167, 173, 176
Decimal	10989739
CIELab	71.01, -4.10, 1.45
CIELCh	71, 4.353, 160.474
Yxy	42.2064, 0.3089, 0.3359
Android (android.graphics.Color)	4289179819 (0xFFA7B0AB)
YUV	172.7390, -0.8573, -5.0331
Hunter-Lab	64.9665, -7.0476, 4.7447

Details

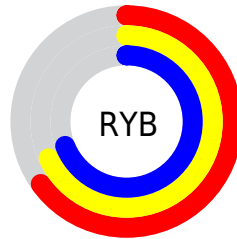
The Yxy color **42.2064, 0.3089, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8494, 0.3167, 0.3222**, and the grayscale version is **41.6568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7338, 0.3097, 0.3354**, and **19.3921, 0.3075, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **40.0607, 0.3015, 0.3506**, and if you desaturate by 10%, it is **44.6442, 0.3164, 0.3228**.

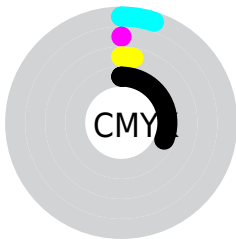
Distribution



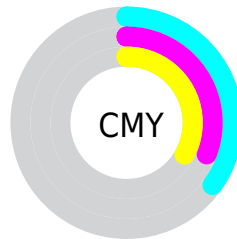
- Red (65%)
- Green (69%)
- Blue (67%)



- Red (65%)
- Yellow (68%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2064, 0.3089, 0.3359 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 42.2064, 0.3089, 0.3359 by changing the saturation by 10% instead.


 42.2064, 0.3089,
0.3359

 42.2064, 0.3089,
0.3359

355.3378, 0.3109,
0.3324

 29.2629, 0.3084,
0.3368


 78.5119, 0.3096,
0.3346

 19.2798, 0.3077,
0.3380


 102.6427, 0.3099,
0.3341

 11.8726, 0.3069,
0.3396


131.2715, 0.3101,
0.3337

 6.6570, 0.3056,
0.3419

164.7826, 0.3103,
0.3334

 3.2485, 0.3036,
0.3454

203.5603, 0.3105,
0.3331

 1.2628, 0.3002,
0.3517

247.9892, 0.3106,

 0.1121, 0.0463,

0.3328

0.8070

298.4536, 0.3107,
0.3326

0.0000, 0.0000,
0.0000

42.2064, 0.3089,
0.3359

42.2064, 0.3089,
0.3359

40.0607, 0.3015,
0.3506

44.6442, 0.3164,
0.3228

38.1905, 0.2944,
0.3670

47.3791, 0.3238,
0.3112

36.5860, 0.2878,
0.3850

50.4229, 0.3310,
0.3010

35.2345, 0.2821,
0.4045

53.7849, 0.3379,
0.2920

34.1222, 0.2775,
0.4251

57.4726, 0.3446,
0.2842

■ 33.2341, 0.2744,
0.4466

■ 58.0055, 0.3364,
0.2748

■ 32.5533, 0.2730,
0.4681

■ 58.5692, 0.3284,
0.2657

■ 32.0604, 0.2735,
0.4892

■ 59.1642, 0.3208,
0.2568

■ 31.7317, 0.2759,
0.5091

■ 59.5313, 0.3163,
0.2517

Harmonies

Analogous

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



42.2064, 0.3152, 0.3393



42.2064, 0.3089, 0.3359



42.2064, 0.3036, 0.3306

Triad

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



42.2064, 0.3089, 0.3359



42.2064, 0.3045, 0.3183



42.2064, 0.3248, 0.3329

Complementary

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



42.2064, 0.3089, 0.3359



39.8494, 0.3167, 0.3222

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.



42.2064, 0.3219, 0.3273



42.2064, 0.3089, 0.3359



42.2064, 0.3101, 0.3190

Square

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



42.2064, 0.3089, 0.3359



42.2064, 0.3011, 0.3205



42.2064, 0.3165, 0.3223



42.2064, 0.3245, 0.3374

Rectangle

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



42.2064, 0.3089, 0.3359



42.2064, 0.3014, 0.3268



42.2064, 0.3165, 0.3223



42.2064, 0.3242, 0.3310

Sweetspot

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



42.2082, 0.3089, 0.3359



77.8521, 0.3112, 0.3317



42.6241, 0.3166, 0.3414



16.8822, 0.3113, 0.3316



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.2082, 0.3089, 0.3359



76.1395, 0.3082, 0.3373



42.3787, 0.3054, 0.3298



9.6939, 0.3078, 0.3379



23.2000, 0.2768, 0.5164



0.7418, 0.2613, 0.4606

Inverse Universe

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



39.8494, 0.3167, 0.3222



71.0620, 0.3175, 0.3208



39.6832, 0.3205, 0.3282



9.0027, 0.3179, 0.3203



7.4279, 0.4698, 0.2362



0.2452, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 42.2064, 0.3089, 0.3359 looks on a white background.

Color Contrast Check

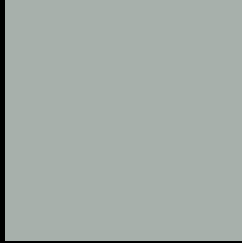
Large Text (above 18pt) WCAG AA × Fail

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 42.2064, 0.3089, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

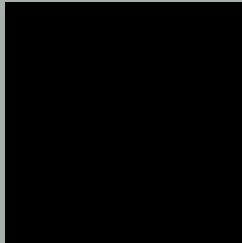
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

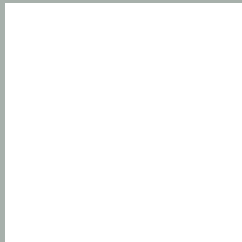
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2064, 0.3089, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 42.2064, 0.3089, 0.3359.



This preview shows how white text looks on a background with the Yxy color 42.2064, 0.3089, 0.3359.

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

42.2064, 0.3089, 0.3359

Protanopia

42.2167, 0.3206, 0.3344

Deuteranopia

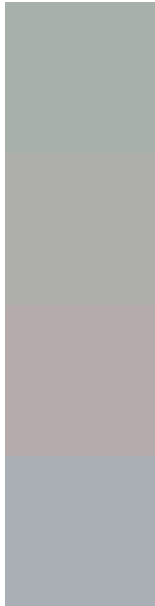
42.0988, 0.3297, 0.3225



Tritanopia

42.4060, 0.2988, 0.3115

Trichromacy



Original Color

42.2064, 0.3089, 0.3359

Protanomaly

42.1731, 0.3160, 0.3345

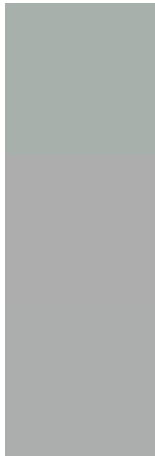
Deuteranomaly

42.0495, 0.3219, 0.3277

Tritanomaly

42.4312, 0.3027, 0.3208

Monochromacy



Original Color

42.2064, 0.3089, 0.3359

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9086, 0.3117, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2064, 0.3089, 0.3359 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(167, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 171)  
}
```

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(167, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.2064, 0.3089, 0.3359 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(167, 176, 171) }
```

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

```
.border{ border-color:rgb(167, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 176, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 176, 171); box-shadow:4px 4px 4px 4px rgb(167, 176, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2064, 0.3089, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 171) }
```

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

```
.background{ background-color: rgb(167,  
176, 171) }
```

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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