

Converting Colors

$Y_{xy}(39.1901, 0.3192, 0.3247)$

Have a look what the booklet for
Yxy(39.1901, 0.3192, 0.3247)
contains.

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Color

Yxy(39.3671, 0.3194, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	B0A6A9
RGB	176, 166, 169
RGB Percent	69%, 65%, 66%
CMY	0.3098, 0.3490, 0.3372
CMYK	0.00, 0.06, 0.04, 0.31
HSL	342°, 6%, 67%
HSV	342°, 6%, 69%
XYZ	38.7007, 39.3671, 43.0990
YIQ	169.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

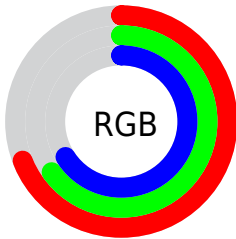
Format	Color
RYB	176, 166, 169
Decimal	11577001
CIELab	69.02, 4.14, -0.27
CIELCh	69, 4.151, 356.308
Yxy	39.3671, 0.3194, 0.3249
Android (android.graphics.Color)	4289767081 (0xFFB0A6A9)
YUV	169.3320, -0.1637, 5.8478
Hunter-Lab	62.7432, 0.3001, 3.1933

Details

The Yxy color **39.3671, 0.3194, 0.3249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1706, 0.3064, 0.3331**, and the grayscale version is **39.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2505, 0.3186, 0.3259**, and **17.6041, 0.3222, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **32.9612, 0.3332, 0.3173**, and if you desaturate by 10%, it is **46.6955, 0.3081, 0.3320**.

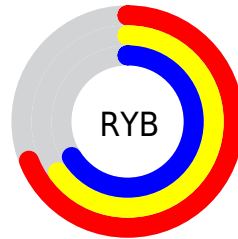
Distribution



Red (69%)

Green (65%)

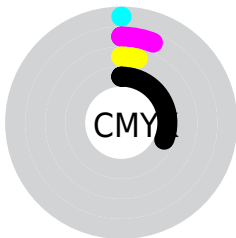
Blue (66%)



Red (69%)

Yellow (65%)

Blue (66%)

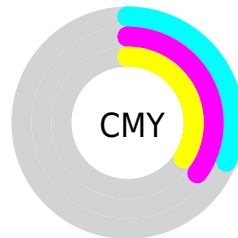


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3671, 0.3194, 0.3249 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 39.3671, 0.3194, 0.3249 by changing the saturation by 10% instead.

■ 39.3671, 0.3194,
0.3249

■ 39.3671, 0.3194,
0.3249

■ 343.4487, 0.3160,
0.3270

■ 27.0454, 0.3203,
0.3244

■ 74.1988, 0.3181,
0.3257

■ 17.6073, 0.3215,
0.3236

■ 97.4776, 0.3177,
0.3260

■ 10.6685, 0.3230,
0.3227

■ 125.1776, 0.3173,
0.3262

■ 5.8444, 0.3253,
0.3213

■ 157.6831, 0.3169,
0.3264

■ 2.7507, 0.3289,
0.3191

■ 195.3786, 0.3166,
0.3266

■ 1.0030, 0.3354,
0.3151

■ 238.6484, 0.3164,

■ 0.0000, 0.0000,

0.3268

0.0000

287.8770, 0.3162,
0.3269

■ 39.3671, 0.3194,
0.3249

■ 39.3671, 0.3194,
0.3249

■ 32.9612, 0.3332,
0.3173

■ 46.6955, 0.3081,
0.3320

■ 27.4361, 0.3501,
0.3093

■ 54.9758, 0.2989,
0.3386

■ 22.7546, 0.3707,
0.3012

■ 64.2422, 0.2913,
0.3446

■ 18.8748, 0.3954,
0.2935

■ 74.5260, 0.2851,
0.3501

■ 15.7511, 0.4244,
0.2868

■ 85.8569, 0.2800,
0.3550

■ 13.3335, 0.4574,
0.2822

■ 87.2104, 0.2739,
0.3422

■ 11.5657, 0.4931,
0.2807

■ 87.9688, 0.2681,
0.3289

■ 10.3827, 0.5290,
0.2834

■ 9.7023, 0.5619,
0.2907

Harmonies

Analogous

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



39.3671, 0.3135, 0.3207



39.3671, 0.3194, 0.3249



39.3671, 0.3235, 0.3302

Triad

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



39.3671, 0.3194, 0.3249



39.3671, 0.3180, 0.3396



39.3671, 0.3008, 0.3225

Complementary

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



39.3671, 0.3194, 0.3249



42.1706, 0.3064, 0.3331

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.



39.3671, 0.3020, 0.3276



39.3671, 0.3194, 0.3249



39.3671, 0.3119, 0.3376

Square

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



39.3671, 0.3194, 0.3249



39.3671, 0.3227, 0.3388



39.3671, 0.3060, 0.3332



39.3671, 0.3028, 0.3193

Rectangle

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



39.3671, 0.3194, 0.3249



39.3671, 0.3247, 0.3337



39.3671, 0.3060, 0.3332



39.3671, 0.3009, 0.3241

Sweetspot

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



39.3688, 0.3194, 0.3249



76.0491, 0.3150, 0.3276



39.2739, 0.3105, 0.3153



16.5124, 0.3149, 0.3276



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.



39.3688, 0.3194, 0.3249



69.6240, 0.3212, 0.3238



39.9274, 0.3218, 0.3315



8.8316, 0.3217, 0.3236



6.9697, 0.5724, 0.2927



0.2299, 0.4918, 0.2483

Inverse Universe

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



39.3688, 0.3194, 0.3249



69.6240, 0.3212, 0.3238



41.5754, 0.3041, 0.3264



8.8316, 0.3217, 0.3236



6.9697, 0.5724, 0.2927



0.2299, 0.4918, 0.2483

Previews

White Background



This preview shows how the Yxy color 39.3671, 0.3194, 0.3249 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 39.3671, 0.3194, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

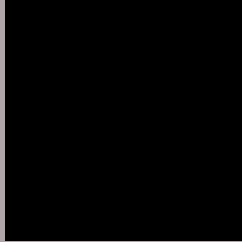
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

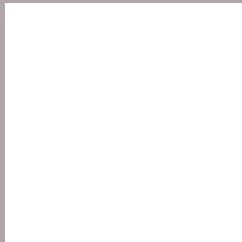
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3671, 0.3194, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 39.3671, 0.3194, 0.3249.



This preview shows how white text looks on a background with the Yxy color 39.3671, 0.3194, 0.3249.

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

39.3671, 0.3194, 0.3249

Protanopia

39.5655, 0.3138, 0.3262

Deuteranopia

39.2870, 0.3264, 0.3197



Tritanopia

39.4717, 0.3126, 0.3114

Trichromacy



Original Color

39.3671, 0.3194, 0.3249

Protanomaly

39.4239, 0.3157, 0.3249

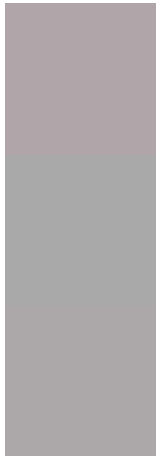
Deuteranomaly

39.2770, 0.3235, 0.3209

Tritanomaly

39.3525, 0.3152, 0.3154

Monochromacy



Original Color

39.3671, 0.3194, 0.3249

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6405, 0.3155, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3671, 0.3194, 0.3249 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(176, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 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(176, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.3671, 0.3194, 0.3249 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(176, 166, 169) }
```

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

```
.border{ border-color:rgb(176, 166, 169) }
```

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

Here you see how a box with a 4 pixel rgb(176, 166, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(176, 166,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3671, 0.3194, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 169) }
```

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

```
.background{ background-color: rgb(176,  
166, 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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