

Converting Colors

Yxy(39.7981, 0.3205, 0.3223)

Have a look what the booklet for
Yxy(39.7981, 0.3205, 0.3223)
contains.

Yxy(39.7964, 0.3205, 0.3222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7964, 0.3205, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	B3A6AB
RGB	179, 166, 171
RGB Percent	70%, 65%, 67%
CMY	0.2979, 0.3491, 0.3293
CMYK	0.00, 0.07, 0.04, 0.30
HSL	337°, 8%, 68%
HSV	337°, 7%, 70%
XYZ	39.5864, 39.7964, 44.1318
YIQ	170.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

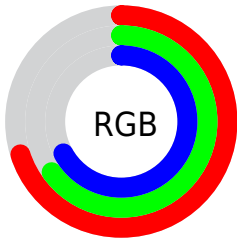
Format	Color
RYB	179, 166, 171
Decimal	11773611
CIELab	69.32, 5.62, -0.90
CIElCh	69, 5.693, 350.903
Yxy	39.7964, 0.3205, 0.3222
Android (android.graphics.Color)	4289963691 (0xFFB3A6AB)
YUV	170.4570, 0.2677, 7.4922
Hunter-Lab	63.0844, 1.6138, 2.6817

Details

The Yxy color **39.7964, 0.3205, 0.3222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4211, 0.3055, 0.3359**, and the grayscale version is **40.4386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8661, 0.3194, 0.3238**, and **17.8022, 0.3223, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **33.3335, 0.3332, 0.3124**, and if you desaturate by 10%, it is **47.2039, 0.3101, 0.3314**.

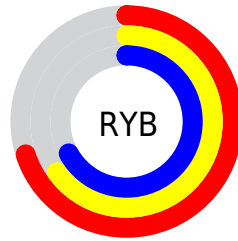
Distribution



Red (70%)

Green (65%)

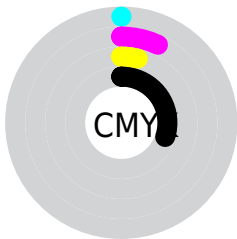
Blue (67%)



Red (70%)

Yellow (65%)

Blue (67%)

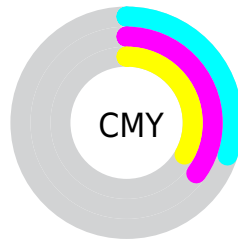


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7964, 0.3205, 0.3222 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 39.7964, 0.3205, 0.3222 by changing the saturation by 10% instead.

 39.7964, 0.3205,
0.3222


 39.7964, 0.3205,
0.3222


345.2647, 0.3165,
0.3257

 27.3798, 0.3215,
0.3213


 74.8534, 0.3190,
0.3235

 17.8587, 0.3229,
0.3201


 98.2626, 0.3185,
0.3240

 10.8486, 0.3247,
0.3185


126.1048, 0.3180,
0.3244

 5.9651, 0.3273,
0.3163

158.7644, 0.3176,
0.3247

 2.8239, 0.3314,
0.3127

196.6258, 0.3173,
0.3250

 1.0405, 0.3387,
0.3065

240.0734, 0.3170,

 0.0000, 1.0000,

0.3253

0.0000

289.4915, 0.3167,
0.3255

■ 0.0000, 0.0000,
0.0000

■ 39.7964, 0.3205,
0.3222

■ 39.7964, 0.3205,
0.3222

■ 33.3335, 0.3332,
0.3124

■ 47.2039, 0.3101,
0.3314

■ 27.7720, 0.3485,
0.3022

■ 55.5867, 0.3016,
0.3400

■ 23.0730, 0.3670,
0.2919

■ 64.9806, 0.2945,
0.3479

■ 19.1925, 0.3890,
0.2821

■ 75.4179, 0.2888,
0.3551

■ 16.0829, 0.4145,
0.2736

■ 86.6032, 0.2840,
0.3611

■ 13.6915, 0.4433,
0.2675

■ 87.2272, 0.2784,
0.3486

■ 11.9590, 0.4743,
0.2650

■ 87.8907, 0.2730,
0.3364

■ 10.8161, 0.5057,
0.2673

■ 88.3292, 0.2696,
0.3289

■ 10.1617, 0.5354,
0.2745

Harmonies

Analogous

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



39.7964, 0.3122, 0.3169



39.7964, 0.3205, 0.3222



39.7964, 0.3268, 0.3293

Triad

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



39.7964, 0.3205, 0.3222



39.7964, 0.3213, 0.3437



39.7964, 0.2965, 0.3213

Complementary

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



39.7964, 0.3205, 0.3222



43.4211, 0.3055, 0.3359

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.



39.7964, 0.2989, 0.3285



39.7964, 0.3205, 0.3222



39.7964, 0.3131, 0.3416

Square

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



39.7964, 0.3205, 0.3222



39.7964, 0.3272, 0.3417



39.7964, 0.3049, 0.3360



39.7964, 0.2984, 0.3163

Rectangle

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



39.7964, 0.3205, 0.3222



39.7964, 0.3289, 0.3342



39.7964, 0.3049, 0.3360



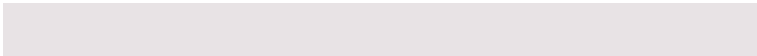
39.7964, 0.2968, 0.3235

Sweetspot

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



39.7981, 0.3205, 0.3222



77.9945, 0.3148, 0.3271



39.5028, 0.3088, 0.3112



17.3113, 0.3147, 0.3272



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.7981, 0.3205, 0.3222



68.9606, 0.3227, 0.3204



40.0870, 0.3248, 0.3308



8.5577, 0.3229, 0.3203



7.0875, 0.5402, 0.2750



0.2346, 0.4651, 0.2336

Inverse Universe

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



39.7981, 0.3205, 0.3222



68.9606, 0.3227, 0.3204



43.0999, 0.3016, 0.3272



8.5577, 0.3229, 0.3203



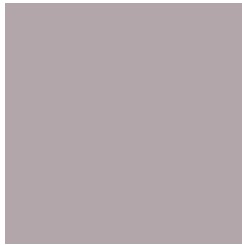
7.0875, 0.5402, 0.2750



0.2346, 0.4651, 0.2336

Previews

White Background



This preview shows how the Yxy color 39.7964, 0.3205, 0.3222 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 39.7964, 0.3205, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

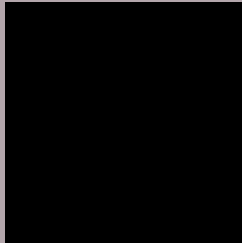
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

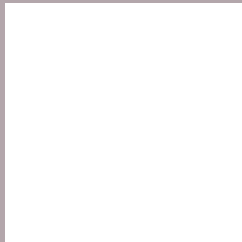
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7964, 0.3205, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 39.7964, 0.3205, 0.3222.



This preview shows how white text looks on a background with the Yxy color 39.7964, 0.3205, 0.3222.

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

39.7964, 0.3205, 0.3222

Protanopia

39.6417, 0.3121, 0.3235

Deuteranopia

39.8055, 0.3264, 0.3197



Tritanopia

39.8279, 0.3154, 0.3116

Trichromacy



Original Color

39.7964, 0.3205, 0.3222

Protanomaly

39.6147, 0.3149, 0.3221

Deuteranomaly

39.9178, 0.3243, 0.3210

Tritanomaly

39.7087, 0.3180, 0.3156

Monochromacy



Original Color

39.7964, 0.3205, 0.3222

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1625, 0.3155, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7964, 0.3205, 0.3222 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(179, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 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(179, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.7964, 0.3205, 0.3222 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(179, 166, 171) }
```

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

```
.border{ border-color:rgb(179, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7964, 0.3205, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 171) }
```

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

```
.background{ background-color: rgb(179,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor