

Converting Colors

$Yxy(39.0234, 0.3222, 0.3284)$

Have a look what the booklet for
Yxy(39.0234, 0.3222, 0.3284)
contains.

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Color

Yxy(38.8935, 0.3222, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B0A5A6
RGB	176, 165, 166
RGB Percent	69%, 65%, 65%
CMY	0.3098, 0.3529, 0.3491
CMYK	0.00, 0.06, 0.06, 0.31
HSL	355°, 7%, 67%
HSV	355°, 6%, 69%
XYZ	38.2407, 38.8935, 41.5521
YIQ	168.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

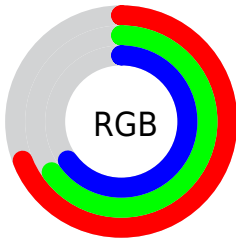
Format	Color
RYB	176, 165, 166
Decimal	11576742
CIELab	68.67, 4.14, 0.92
CIELCh	69, 4.245, 12.528
Yxy	38.8935, 0.3222, 0.3277
Android (android.graphics.Color)	4289766822 (0xFFB0A5A6)
YUV	168.4030, -1.1847, 6.6626
Hunter-Lab	62.3647, 0.3144, 4.1518

Details

The Yxy color **38.8935, 0.3222, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1494, 0.3040, 0.3303**, and the grayscale version is **39.3701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5627, 0.3207, 0.3280**, and **17.2361, 0.3247, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **32.4235, 0.3403, 0.3255**, and if you desaturate by 10%, it is **46.3143, 0.3076, 0.3297**.

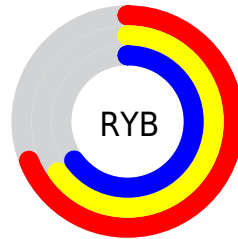
Distribution



Red (69%)

Green (65%)

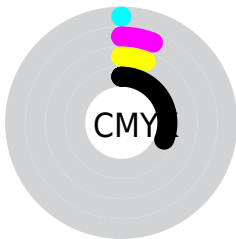
Blue (65%)



Red (69%)

Yellow (65%)

Blue (65%)

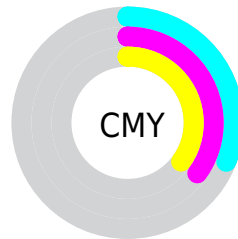


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8935, 0.3222, 0.3277 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 38.8935, 0.3222, 0.3277 by changing the saturation by 10% instead.


 38.8935, 0.3222,
0.3277


 38.8935, 0.3222,
0.3277


341.4375, 0.3173,
0.3284

 26.6769, 0.3235,
0.3275


 73.4756, 0.3204,
0.3280

 17.3307, 0.3251,
0.3273


 96.6099, 0.3197,
0.3281

 10.4706, 0.3274,
0.3269


124.1521, 0.3192,
0.3281

 5.7121, 0.3307,
0.3264

156.4868, 0.3187,
0.3282

 2.6708, 0.3360,
0.3256

193.9983, 0.3183,
0.3283

 0.9624, 0.3455,
0.3241


237.0710, 0.3179,


 0.0000, 0.0000,

0.3283


0.0000

286.0892, 0.3176,
0.3284


 38.8935, 0.3222,
0.3277


 38.8935, 0.3222,
0.3277


 32.4235, 0.3403,
0.3255


 46.3143, 0.3076,
0.3297


 26.8611, 0.3628,
0.3232

 54.7167, 0.2958,
0.3316


 22.1671, 0.3906,
0.3209

 64.1367, 0.2863,
0.3333

 18.2978, 0.4242,
0.3188

 74.6066, 0.2785,
0.3349

 15.2054, 0.4637,
0.3173

 86.1575, 0.2721,
0.3362

■ 12.8374, 0.5077,
0.3166

■ 87.9707, 0.2681,
0.3289

■ 11.1346, 0.5525,
0.3174

■ 10.0289, 0.5925,
0.3199

■ 9.4297, 0.6217,
0.3236

Harmonies

Analogous

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



38.8935, 0.3169, 0.3226



38.8935, 0.3222, 0.3277



38.8935, 0.3249, 0.3332

Triad

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



38.8935, 0.3222, 0.3277



38.8935, 0.3148, 0.3392



38.8935, 0.3012, 0.3203

Complementary

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



38.8935, 0.3222, 0.3277



42.1494, 0.3040, 0.3303

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.



38.8935, 0.3007, 0.3246



38.8935, 0.3222, 0.3277



38.8935, 0.3085, 0.3356

Square

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



38.8935, 0.3222, 0.3277



38.8935, 0.3206, 0.3399



38.8935, 0.3033, 0.3302



38.8935, 0.3048, 0.3183

Rectangle

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



38.8935, 0.3222, 0.3277



38.8935, 0.3249, 0.3364



38.8935, 0.3033, 0.3302



38.8935, 0.3007, 0.3215

Sweetspot

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



38.8952, 0.3222, 0.3277



75.9954, 0.3157, 0.3286



39.1503, 0.3124, 0.3140



16.5014, 0.3155, 0.3286



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.



38.8952, 0.3222, 0.3277



69.4461, 0.3236, 0.3275



40.4746, 0.3225, 0.3351



8.8079, 0.3242, 0.3274



6.8023, 0.6284, 0.3235



0.2180, 0.5852, 0.2997

Inverse Universe

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



38.8952, 0.3222, 0.3277



69.4461, 0.3236, 0.3275



40.4898, 0.3033, 0.3229



8.8079, 0.3242, 0.3274



6.8023, 0.6284, 0.3235



0.2180, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 38.8935, 0.3222, 0.3277 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 38.8935, 0.3222, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

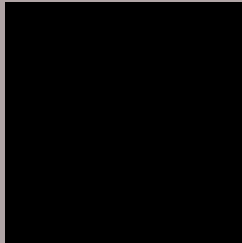
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8935, 0.3222, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 38.8935, 0.3222, 0.3277.



This preview shows how white text looks on a background with the Yxy color 38.8935, 0.3222, 0.3277.

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

38.8935, 0.3222, 0.3277

Protanopia

39.0854, 0.3164, 0.3290

Deuteranopia

38.8210, 0.3293, 0.3223



Tritanopia

38.6761, 0.3145, 0.3113

Trichromacy



Original Color

38.8935, 0.3222, 0.3277

Protanomaly

38.9467, 0.3184, 0.3276

Deuteranomaly

38.8082, 0.3263, 0.3236

Tritanomaly

38.8766, 0.3179, 0.3181

Monochromacy



Original Color

38.8935, 0.3222, 0.3277

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0854, 0.3164, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8935, 0.3222, 0.3277 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, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 166)  
}
```

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, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.8935, 0.3222, 0.3277 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, 165, 166) }
```

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

```
.border{ border-color:rgb(176, 165, 166) }
```

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

Here you see how a box with a 4 pixel rgb(176, 165, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8935, 0.3222, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 166) }
```

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

```
.background{ background-color: rgb(176,  
165, 166) }
```

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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