

Converting Colors

$Y_{xy}(39.6732, 0.3103, 0.3364)$

Have a look what the booklet for
Yxy(39.6732, 0.3103, 0.3364)
contains.

Yxy(39.6655, 0.3097, 0.3361)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6655, 0.3097, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	A3ABA6
RGB	163, 171, 166
RGB Percent	64%, 67%, 65%
CMY	0.3608, 0.3294, 0.3491
CMYK	0.05, 0.00, 0.03, 0.33
HSL	142°, 5%, 65%
HSV	142°, 5%, 67%
XYZ	36.5499, 39.6655, 41.8016
YIQ	168.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

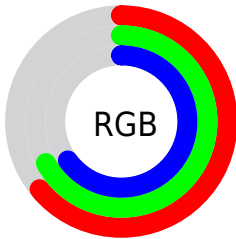
Format	Color
RYB	163, 169, 171
Decimal	10726310
CIELab	69.23, -3.78, 1.59
CIELCh	69, 4.099, 157.164
Yxy	39.6655, 0.3097, 0.3361
Android (android.graphics.Color)	4288916390 (0xFFA3ABA6)
YUV	168.0380, -1.0047, -4.4183
Hunter-Lab	62.9806, -6.6261, 4.7343

Details

The Yxy color $39.6655, 0.3097, 0.3361$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.6820, 0.3159, 0.3220$, and the grayscale version is $39.1845, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5186, 0.3104, 0.3344$, and $17.7881, 0.3085, 0.3390$ is the 20% darker color. If you saturate the color by 10%, you get $37.6054, 0.3033, 0.3527$, and if you desaturate by 10%, it is $42.0058, 0.3161, 0.3214$.

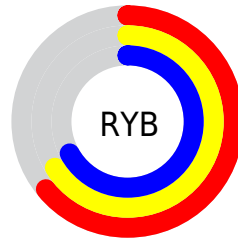
Distribution



Red (64%)

Green (67%)

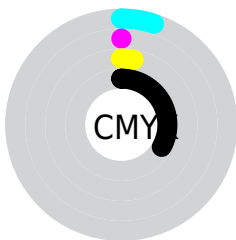
Blue (65%)



Red (64%)

Yellow (66%)

Blue (67%)

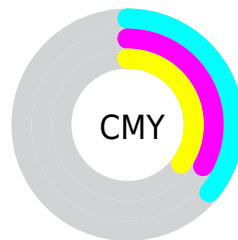


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (36%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6655, 0.3097, 0.3361 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 39.6655, 0.3097, 0.3361 by changing the saturation by 10% instead.


 39.6655, 0.3097,
0.3361


 39.6655, 0.3097,
0.3361


344.7117, 0.3113,
0.3324

 27.2778, 0.3093,
0.3371


 74.6539, 0.3103,
0.3347

 17.7820, 0.3088,
0.3383


 98.0234, 0.3105,
0.3342

 10.7936, 0.3080,
0.3400


125.8223, 0.3107,
0.3338

 5.9282, 0.3070,
0.3425

158.4350, 0.3108,
0.3335

 2.8015, 0.3053,
0.3464

196.2459, 0.3110,
0.3332

 1.0290, 0.3022,
0.3535

239.6394, 0.3111,

 0.0000, 0.0000,

0.3329

0.0000

288.9998, 0.3112,
0.3327

■ 39.6655, 0.3097,
0.3361

■ 39.6655, 0.3097,
0.3361

■ 37.6054, 0.3033,
0.3527

■ 42.0058, 0.3161,
0.3214

■ 35.8100, 0.2971,
0.3711

■ 44.6313, 0.3225,
0.3085

■ 34.2696, 0.2913,
0.3915

■ 47.5530, 0.3286,
0.2971

■ 32.9724, 0.2862,
0.4135

■ 50.7799, 0.3344,
0.2872

■ 31.9053, 0.2822,
0.4368

■ 54.3207, 0.3400,
0.2785

■ 31.0540, 0.2795,
0.4608

■ 56.1162, 0.3364,
0.2692

■ 30.4026, 0.2784,
0.4848

■ 56.7378, 0.3276,
0.2593

■ 29.9329, 0.2792,
0.5079

■ 57.3971, 0.3191,
0.2498

■ 29.6228, 0.2816,
0.5290

■ 57.6073, 0.3166,
0.2469

Harmonies

Analogous

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



39.6655, 0.3158, 0.3391



39.6655, 0.3097, 0.3361



39.6655, 0.3044, 0.3312

Triad

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



39.6655, 0.3097, 0.3361



39.6655, 0.3043, 0.3189



39.6655, 0.3242, 0.3321

Complementary

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



39.6655, 0.3097, 0.3361



37.6820, 0.3159, 0.3220

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.



39.6655, 0.3211, 0.3268



39.6655, 0.3097, 0.3361



39.6655, 0.3096, 0.3192

Square

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



39.6655, 0.3097, 0.3361



39.6655, 0.3014, 0.3212



39.6655, 0.3157, 0.3221



39.6655, 0.3242, 0.3367

Rectangle

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



39.6655, 0.3097, 0.3361



39.6655, 0.3021, 0.3275



39.6655, 0.3157, 0.3221



39.6655, 0.3235, 0.3304

Sweetspot

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



39.6672, 0.3097, 0.3361



72.5128, 0.3121, 0.3305



40.1044, 0.3168, 0.3402



16.1758, 0.3121, 0.3304



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.6672, 0.3097, 0.3361



70.4811, 0.3088, 0.3384



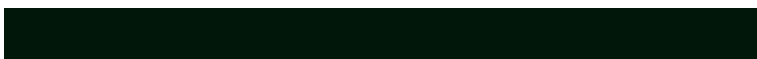
39.8142, 0.3065, 0.3305



9.1239, 0.3085, 0.3390



22.2439, 0.2826, 0.5375



0.6296, 0.2647, 0.4730

Inverse Universe

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



37.6820, 0.3159, 0.3220



65.8844, 0.3169, 0.3198



37.5372, 0.3194, 0.3275



8.4889, 0.3172, 0.3192



7.3397, 0.4409, 0.2202



0.2143, 0.3961, 0.1955

Previews

White Background



This preview shows how the Yxy color 39.6655, 0.3097, 0.3361 looks on a white background.

Color Contrast Check

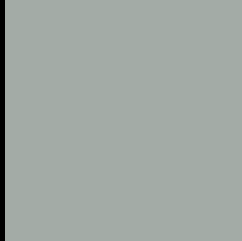
Large Text (above 18pt) WCAG AA × Fail

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 39.6655, 0.3097, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

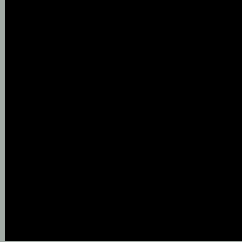
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

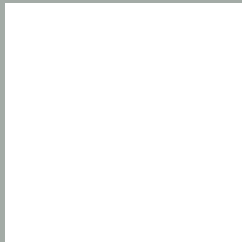
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6655, 0.3097, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 39.6655, 0.3097, 0.3361.



This preview shows how white text looks on a background with the Yxy color 39.6655, 0.3097, 0.3361.

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

39.6655, 0.3097, 0.3361

Protanopia

39.5698, 0.3208, 0.3346

Deuteranopia

39.4606, 0.3302, 0.3224



Tritanopia

39.8603, 0.2993, 0.3111

Trichromacy



Original Color

39.6655, 0.3097, 0.3361

Protanomaly

39.5276, 0.3161, 0.3346

Deuteranomaly

39.5274, 0.3231, 0.3277

Tritanomaly

39.8834, 0.3033, 0.3206

Monochromacy



Original Color

39.6655, 0.3097, 0.3361

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2729, 0.3117, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6655, 0.3097, 0.3361 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(163, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 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(163, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.6655, 0.3097, 0.3361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

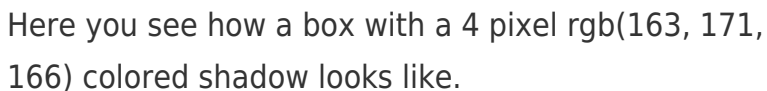
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 171, 166) }
```

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

```
.border{ border-color:rgb(163, 171, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 171, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 171, 166); box-shadow:4px 4px 4px 4px rgb(163, 171, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6655, 0.3097, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 166) }
```

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

```
.background{ background-color: rgb(163,  
171, 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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