

Converting Colors

$Yxy(38.8532, 0.3091, 0.3432)$

Have a look what the booklet for
Yxy(38.8532, 0.3091, 0.3432)
contains.

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Color

Yxy(38.9681, 0.3093, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	9EABA1
RGB	158, 171, 161
RGB Percent	62%, 67%, 63%
CMY	0.3806, 0.3293, 0.3686
CMYK	0.08, 0.00, 0.06, 0.33
HSL	134°, 7%, 65%
HSV	134°, 8%, 67%
XYZ	35.0883, 38.9681, 39.3878
YIQ	165.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

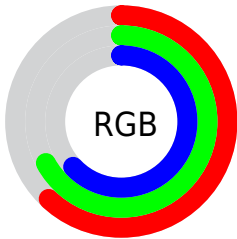
Format	Color
RYB	158, 169, 171
Decimal	10398625
CIELab	68.73, -6.52, 3.58
CIELCh	69, 7.441, 151.260
Yxy	38.9681, 0.3093, 0.3435
Android (android.graphics.Color)	4288588705 (0xFF9EABA1)
YUV	165.9730, -2.4517, -6.9923
Hunter-Lab	62.4244, -8.9092, 6.2870

Details

The Yxy color **38.9681, 0.3093, 0.3435** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9221, 0.3163, 0.3149**, and the grayscale version is **38.1300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4967, 0.3101, 0.3400**, and **17.4452, 0.3081, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **36.9165, 0.3048, 0.3646**, and if you desaturate by 10%, it is **41.3129, 0.3138, 0.3248**.

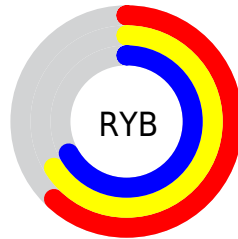
Distribution



Red (62%)

Green (67%)

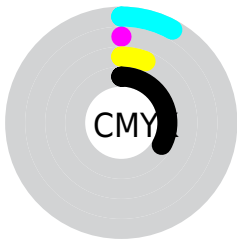
Blue (63%)



Red (62%)

Yellow (66%)

Blue (67%)

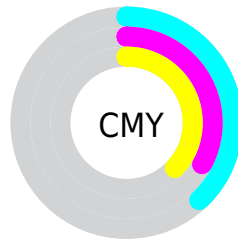


Cyan (8%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9681, 0.3093, 0.3435 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 38.9681, 0.3093, 0.3435 by changing the saturation by 10% instead.

■ 38.9681, 0.3093,
0.3435

■ 38.9681, 0.3093,
0.3435

341.7548, 0.3111,
0.3360

■ 26.7349, 0.3088,
0.3455

■ 73.5896, 0.3100,
0.3407

■ 17.3742, 0.3082,
0.3481

■ 96.7467, 0.3102,
0.3397

■ 10.5017, 0.3073,
0.3517

124.3138, 0.3104,
0.3388

■ 5.7328, 0.3060,
0.3570

156.6755, 0.3106,
0.3381

■ 2.6833, 0.3039,
0.3654

194.2160, 0.3108,
0.3374

■ 0.9687, 0.3001,
0.3829

237.3198, 0.3109,

■ 0.0000, 0.0000,

0.3369

0.0000

286.3713, 0.3110,
0.3364

■ 38.9681, 0.3093,
0.3435

■ 38.9681, 0.3093,
0.3435

■ 36.9165, 0.3048,
0.3646

■ 41.3129, 0.3138,
0.3248

■ 35.1417, 0.3005,
0.3882

■ 43.9566, 0.3181,
0.3084

■ 33.6331, 0.2964,
0.4140

■ 46.9112, 0.3222,
0.2941

■ 32.3778, 0.2929,
0.4417

■ 50.1863, 0.3261,
0.2817

■ 31.3615, 0.2903,
0.4703

■ 53.7912, 0.3298,
0.2709

■ 30.5686, 0.2888,
0.4989

■ 56.6652, 0.3287,
0.2605

■ 29.9815, 0.2886,
0.5258

■ 57.4717, 0.3183,
0.2488

■ 29.5801, 0.2898,
0.5497

■ 57.6129, 0.3166,
0.2469

■ 29.3331, 0.2921,
0.5692

Harmonies

Analogous

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



38.9681, 0.3204, 0.3480



38.9681, 0.3093, 0.3435



38.9681, 0.2992, 0.3349

Triad

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



38.9681, 0.3093, 0.3435



38.9681, 0.2960, 0.3110



38.9681, 0.3330, 0.3327

Complementary

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



38.9681, 0.3093, 0.3435



35.9221, 0.3163, 0.3149

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.



38.9681, 0.3263, 0.3231



38.9681, 0.3093, 0.3435



38.9681, 0.3048, 0.3107

Square

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



38.9681, 0.3093, 0.3435



38.9681, 0.2916, 0.3160



38.9681, 0.3159, 0.3151



38.9681, 0.3342, 0.3415

Rectangle

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



38.9681, 0.3093, 0.3435



38.9681, 0.2944, 0.3281



38.9681, 0.3159, 0.3151



38.9681, 0.3313, 0.3295

Sweetspot

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



38.9698, 0.3093, 0.3435



72.0634, 0.3118, 0.3327



39.9451, 0.3212, 0.3475



16.0810, 0.3119, 0.3325



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.



38.9698, 0.3093, 0.3435



69.1857, 0.3086, 0.3465



39.1984, 0.3041, 0.3343



8.9688, 0.3085, 0.3469



22.0784, 0.2921, 0.5716



0.6225, 0.2758, 0.5130

Inverse Universe

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



35.9221, 0.3163, 0.3149



62.7122, 0.3171, 0.3121



35.6922, 0.3221, 0.3238



8.1156, 0.3172, 0.3118



7.7731, 0.3891, 0.1917



0.2239, 0.3647, 0.1782

Previews

White Background



This preview shows how the Yxy color 38.9681, 0.3093, 0.3435 looks on a white background.

Color Contrast Check

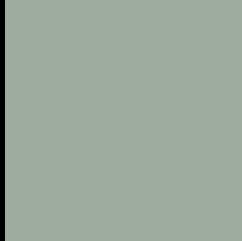
Large Text (above 18pt) WCAG AA × Fail

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 38.9681, 0.3093, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

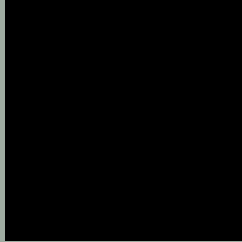
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

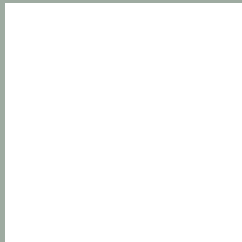
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9681, 0.3093, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 38.9681, 0.3093, 0.3435.



This preview shows how white text looks on a background with the Yxy color 38.9681, 0.3093, 0.3435.

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

38.9681, 0.3093, 0.3435

Protanopia

39.0249, 0.3253, 0.3402

Deuteranopia

38.7993, 0.3340, 0.3277



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

38.9681, 0.3093, 0.3435

Protanomaly

38.8682, 0.3196, 0.3403

Deuteranomaly

38.6329, 0.3248, 0.3332

Tritanomaly

38.9055, 0.3005, 0.3219

Monochromacy



Original Color

38.9681, 0.3093, 0.3435

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4721, 0.3115, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9681, 0.3093, 0.3435 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(158, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 161)  
}
```

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(158, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.9681, 0.3093, 0.3435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

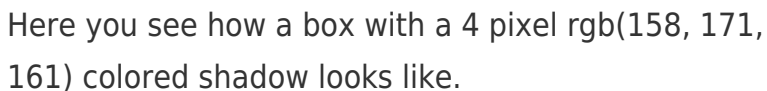
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 171, 161) }
```

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

```
.border{ border-color:rgb(158, 171, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 171, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 171, 161); box-shadow:4px 4px 4px 4px rgb(158, 171, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9681, 0.3093, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 161) }
```

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

```
.background{ background-color: rgb(158,  
171, 161) }
```

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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