

Converting Colors

Yxy(37.9562, 0.2951, 0.3184)

Have a look what the booklet for
Yxy(37.9562, 0.2951, 0.3184)
contains.

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Color

Yxy(38.0690, 0.2954, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	9BA8AF
RGB	155, 168, 175
RGB Percent	61%, 66%, 69%
CMY	0.3920, 0.3412, 0.3137
CMYK	0.11, 0.04, 0.00, 0.31
HSL	201°, 11%, 65%
HSV	201°, 11%, 69%
XYZ	35.2637, 38.0690, 46.0433
YIQ	164.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

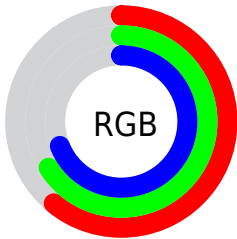
Format	Color
RYB	155, 163, 175
Decimal	10201263
CIELab	68.07, -3.10, -5.17
CIELCh	68, 6.024, 239.063
Yxy	38.0690, 0.2954, 0.3189
Android (android.graphics.Color)	4288391343 (0xFF9BA8AF)
YUV	164.9110, 4.9739, -8.6919
Hunter-Lab	61.7001, -5.9564, -1.0548

Details

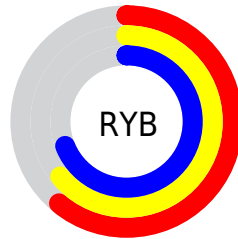
The Yxy color **38.0690, 0.2954, 0.3189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3381, 0.3315, 0.3389**, and the grayscale version is **37.5650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1902, 0.2993, 0.3213**, and **16.8639, 0.2899, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **34.2479, 0.2801, 0.3091**, and if you desaturate by 10%, it is **42.2513, 0.3106, 0.3278**.

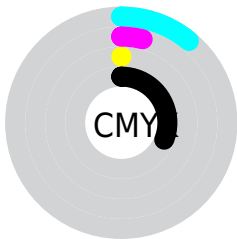
Distribution



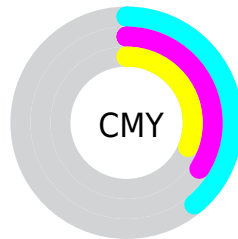
- Red (61%)
- Green (66%)
- Blue (69%)



- Red (61%)
- Yellow (64%)
- Blue (69%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0690, 0.2954, 0.3189 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 38.0690, 0.2954, 0.3189 by changing the saturation by 10% instead.

■ 38.0690, 0.2954,
0.3189

■ 38.0690, 0.2954,
0.3189

337.9159, 0.3043,
0.3242

■ 26.0362, 0.2931,
0.3175

■ 72.2139, 0.2987,
0.3209

■ 16.8508, 0.2901,
0.3157

■ 95.0948, 0.2999,
0.3216

■ 10.1281, 0.2859,
0.3132

122.3606, 0.3009,
0.3222

■ 5.4840, 0.2800,
0.3095

154.3956, 0.3018,
0.3227

■ 2.5339, 0.2707,
0.3036

191.5842, 0.3026,
0.3232

■ 0.8936, 0.2536,
0.2929

234.3109, 0.3032,

■ 0.0000, 0.0000,

0.3235

0.0000

282.9600, 0.3038,
0.3239

■ 38.0690, 0.2954,
0.3189

■ 38.0690, 0.2954,
0.3189

■ 34.2479, 0.2801,
0.3091

■ 42.2513, 0.3106,
0.3278

■ 30.7711, 0.2649,
0.2983

■ 46.8016, 0.3255,
0.3358

■ 27.6272, 0.2503,
0.2867

■ 51.7324, 0.3399,
0.3430

■ 24.8021, 0.2365,
0.2744

■ 57.0541, 0.3537,
0.3493

■ 22.2806, 0.2239,
0.2615

■ 62.7768, 0.3668,
0.3548

■ 20.0459, 0.2129,
0.2482

■ 67.9414, 0.3751,
0.3601

■ 18.0791, 0.2037,
0.2349

■ 70.9345, 0.3732,
0.3663

■ 16.3579, 0.1966,
0.2216

■ 74.0442, 0.3713,
0.3724

■ 15.0353, 0.1918,
0.2104

■ 77.2717, 0.3694,
0.3784

Harmonies

Analogous

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



38.0690, 0.2967, 0.3262



38.0690, 0.2954, 0.3189



38.0690, 0.2986, 0.3145

Triad

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



38.0690, 0.2954, 0.3189



38.0690, 0.3232, 0.3237



38.0690, 0.3196, 0.3446

Complementary

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



38.0690, 0.2954, 0.3189



37.3381, 0.3315, 0.3389

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.



38.0690, 0.3269, 0.3437



38.0690, 0.2954, 0.3189



38.0690, 0.3290, 0.3315

Square

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



38.0690, 0.2954, 0.3189



38.0690, 0.3146, 0.3173



38.0690, 0.3304, 0.3388



38.0690, 0.3106, 0.3412

Rectangle

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



38.0690, 0.2954, 0.3189



38.0690, 0.3030, 0.3136



38.0690, 0.3304, 0.3388



38.0690, 0.3224, 0.3448

Sweetspot

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



38.0706, 0.2954, 0.3189



74.3942, 0.3081, 0.3264



40.2403, 0.3057, 0.3477



16.3987, 0.3069, 0.3257



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.



38.0706, 0.2954, 0.3189



66.1781, 0.2910, 0.3162



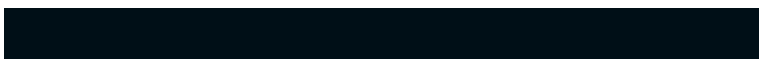
34.5342, 0.2952, 0.3043



8.5918, 0.2986, 0.3209



10.8867, 0.1922, 0.2119



0.4004, 0.2032, 0.2515

Inverse Universe

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



35.3977, 0.3204, 0.3110



60.3798, 0.3226, 0.3063



40.9871, 0.3299, 0.3526



8.0996, 0.3189, 0.3144



7.4021, 0.4321, 0.2154



0.2158, 0.3908, 0.1926

Previews

White Background



This preview shows how the Yxy color 38.0690, 0.2954, 0.3189 looks on a white background.

Color Contrast Check

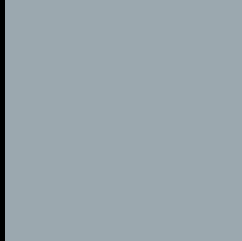
Large Text (above 18pt) WCAG AA × Fail

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 38.0690, 0.2954, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

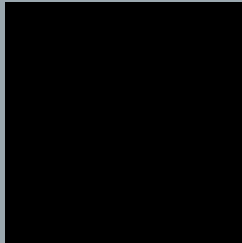
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

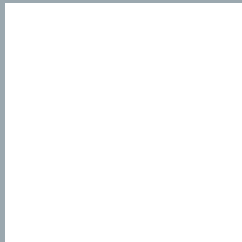
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0690, 0.2954, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 38.0690, 0.2954, 0.3189.



This preview shows how white text looks on a background with the Yxy color 38.0690, 0.2954, 0.3189.

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

38.0690, 0.2954, 0.3189

Protanopia

38.0344, 0.3068, 0.3177

Deuteranopia

37.9714, 0.3146, 0.3086



Tritanopia

38.0006, 0.2922, 0.3105

Trichromacy



Original Color

38.0690, 0.2954, 0.3189

Protanomaly

38.0098, 0.3023, 0.3176

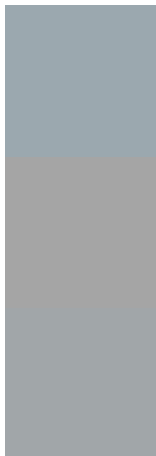
Deuteranomaly

38.1205, 0.3070, 0.3123

Tritanomaly

37.9197, 0.2938, 0.3133

Monochromacy



Original Color

38.0690, 0.2954, 0.3189

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7141, 0.3056, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0690, 0.2954, 0.3189 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(155, 168, 175) looks like.

```
.text, #text, p{  
  color:rgb(155, 168, 175)  
}
```

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(155, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 168, 175) }
```

Border

The CSS property to change the border of an element to Yxy 38.0690, 0.2954, 0.3189 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(155, 168, 175) }
```

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

```
.border{ border-color:rgb(155, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(155, 168,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0690, 0.2954, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 168, 175) }
```

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

```
.background{ background-color: rgb(155,  
168, 175) }
```

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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