

Converting Colors

$Yxy(39.3719, 0.3077, 0.3636)$

Have a look what the booklet for
Yxy(39.3719, 0.3077, 0.3636)
contains.

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Color

Yxy(39.2228, 0.3076, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	94AF98
RGB	148, 175, 152
RGB Percent	58%, 69%, 60%
CMY	0.4196, 0.3137, 0.4039
CMYK	0.15, 0.00, 0.13, 0.31
HSL	129°, 14%, 63%
HSV	129°, 15%, 69%
XYZ	33.2093, 39.2228, 35.5305
YIQ	164.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

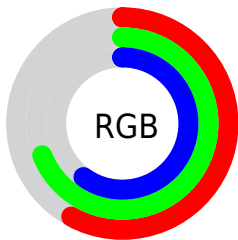
Format	Color
RYB	148, 172, 175
Decimal	9744280
CIELab	68.91, -13.84, 8.71
CIELCh	69, 16.350, 147.819
Yxy	39.2228, 0.3076, 0.3633
Android (android.graphics.Color)	4287934360 (0xFF94AF98)
YUV	164.3050, -6.0664, -14.2995
Hunter-Lab	62.6281, -14.9475, 10.2030

Details

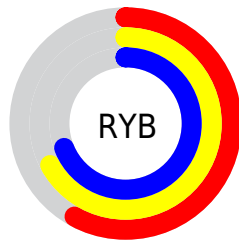
The Yxy color **39.2228, 0.3076, 0.3633** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.2308, 0.3183, 0.2970**, and the grayscale version is **37.3100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1646, 0.3087, 0.3573**, and **17.4000, 0.3058, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **37.2562, 0.3043, 0.3891**, and if you desaturate by 10%, it is **41.5007, 0.3109, 0.3403**.

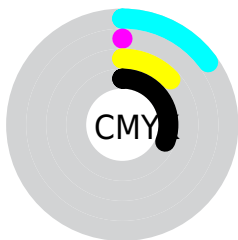
Distribution



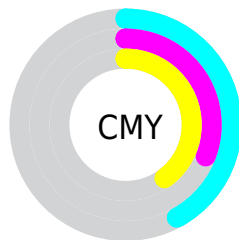
- Red (58%)
- Green (69%)
- Blue (60%)



- Red (58%)
- Yellow (67%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)




- Cyan (42%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2228, 0.3076, 0.3633 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 39.2228, 0.3076, 0.3633 by changing the saturation by 10% instead.


 39.2228, 0.3076,
0.3633


 39.2228, 0.3076,
0.3633


342.8368, 0.3104,
0.3453

 26.9331, 0.3068,
0.3681


 73.9786, 0.3087,
0.3565

 17.5230, 0.3057,
0.3745


 97.2134, 0.3091,
0.3540

 10.6081, 0.3041,
0.3834


124.8654, 0.3094,
0.3520

 5.8039, 0.3017,
0.3965

157.3190, 0.3097,
0.3502

 2.7262, 0.2974,
0.4179

194.9585, 0.3099,
0.3487

 0.9905, 0.2918,
0.4818

238.1684, 0.3101,

 0.0000, 0.0000,

0.3474

0.0000

287.3330, 0.3103,
0.3463

■ 39.2228, 0.3076,
0.3633

■ 39.2228, 0.3076,
0.3633

■ 37.2562, 0.3043,
0.3891

■ 41.5007, 0.3109,
0.3403

■ 35.5827, 0.3011,
0.4174

■ 44.0975, 0.3142,
0.3201

■ 34.1897, 0.2982,
0.4477

■ 47.0266, 0.3173,
0.3025

■ 33.0616, 0.2959,
0.4791

■ 50.2993, 0.3202,
0.2872

■ 32.1815, 0.2944,
0.5099

■ 53.9261, 0.3229,
0.2740

■ 31.5303, 0.2939,
0.5383

■ 57.9173, 0.3253,
0.2625

■ 31.0864, 0.2944,
0.5624

■ 59.1422, 0.3164,
0.2508

■ 30.8227, 0.2959,
0.5807

■ 30.7370, 0.2964,
0.5871

Harmonies

Analogous

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



39.2228, 0.3318, 0.3718



39.2228, 0.3076, 0.3633



39.2228, 0.2854, 0.3444

Triad

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



39.2228, 0.3076, 0.3633



39.2228, 0.2748, 0.2906



39.2228, 0.3565, 0.3339

Complementary

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



39.2228, 0.3076, 0.3633



33.2308, 0.3183, 0.2970

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.



39.2228, 0.3401, 0.3138



39.2228, 0.3076, 0.3633



39.2228, 0.2926, 0.2894

Square

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



39.2228, 0.3076, 0.3633



39.2228, 0.2670, 0.3019



39.2228, 0.3164, 0.2979



39.2228, 0.3606, 0.3536

Rectangle

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



39.2228, 0.3076, 0.3633



39.2228, 0.2746, 0.3291



39.2228, 0.3164, 0.2979



39.2228, 0.3522, 0.3270

Sweetspot

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



39.2245, 0.3076, 0.3633



74.4742, 0.3111, 0.3396



41.5033, 0.3321, 0.3669



16.4860, 0.3108, 0.3411



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.



39.2245, 0.3076, 0.3633



68.8087, 0.3063, 0.3730



39.6773, 0.2973, 0.3435



8.9581, 0.3097, 0.3489



22.0161, 0.2960, 0.5858



0.6183, 0.2836, 0.5410

Inverse Universe

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



33.2308, 0.3183, 0.2970



55.7284, 0.3199, 0.2886



32.7562, 0.3311, 0.3150



8.1273, 0.3159, 0.3099



8.0867, 0.3618, 0.1767



0.2304, 0.3476, 0.1689

Previews

White Background



This preview shows how the Yxy color 39.2228, 0.3076, 0.3633 looks on a white background.

Color Contrast Check

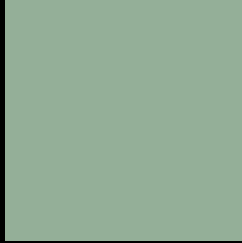
Large Text (above 18pt) WCAG AA × Fail

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 39.2228, 0.3076, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

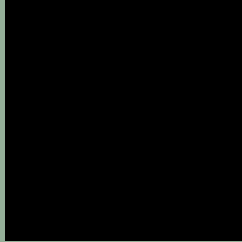
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

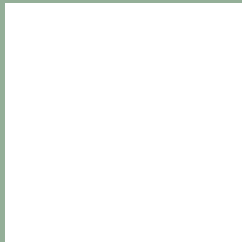
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2228, 0.3076, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 39.2228, 0.3076, 0.3633.



This preview shows how white text looks on a background with the Yxy color 39.2228, 0.3076, 0.3633.

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

39.2228, 0.3076, 0.3633

Protanopia

38.8895, 0.3370, 0.3558

Deuteranopia

39.0260, 0.3454, 0.3385



Tritanopia

38.9824, 0.2868, 0.3091

Trichromacy



Original Color

39.2228, 0.3076, 0.3633

Protanomaly

38.9187, 0.3260, 0.3593

Deuteranomaly

38.9692, 0.3307, 0.3473

Tritanomaly

39.0629, 0.2944, 0.3289

Monochromacy



Original Color

39.2228, 0.3076, 0.3633

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.8124, 0.3103, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2228, 0.3076, 0.3633 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(148, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 175, 152)  
}
```

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(148, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 175, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.2228, 0.3076, 0.3633 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(148, 175, 152) }
```

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

```
.border{ border-color:rgb(148, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 175,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2228, 0.3076, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 175, 152) }
```

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

```
.background{ background-color: rgb(148,  
175, 152) }
```

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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