

Converting Colors

$Yxy(39.4267, 0.2854, 0.3501)$

Have a look what the booklet for
Yxy(39.4267, 0.2854, 0.3501)
contains.

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Color

Yxy(39.4267, 0.2854, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	84B2A4
RGB	132, 178, 164
RGB Percent	52%, 70%, 64%
CMY	0.4823, 0.3020, 0.3568
CMYK	0.26, 0.00, 0.08, 0.30
HSL	162°, 23%, 61%
HSV	162°, 26%, 70%
XYZ	32.1405, 39.4267, 41.0484
YIQ	162.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

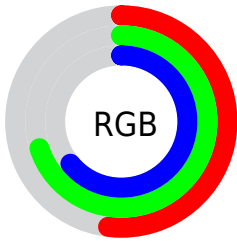
Format	Color
RYB	132, 159, 178
Decimal	8696484
CIELab	69.06, -18.29, 2.17
CIElCh	69, 18.420, 173.223
Yxy	39.4267, 0.2854, 0.3501
Android (android.graphics.Color)	4286886564 (0xFF84B2A4)
YUV	162.6500, 0.6656, -26.8800
Hunter-Lab	62.7907, -18.5155, 5.1936

Details

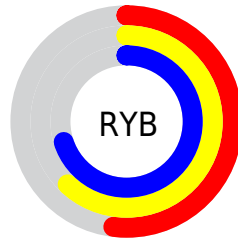
The Yxy color **39.4267, 0.2854, 0.3501** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.0474, 0.3503, 0.3090**, and the grayscale version is **36.4602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3992, 0.2906, 0.3461**, and **17.5864, 0.2772, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **37.9220, 0.2761, 0.3596**, and if you desaturate by 10%, it is **41.1878, 0.2956, 0.3413**.

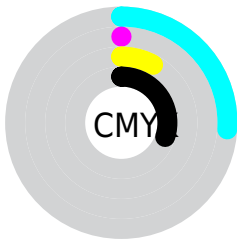
Distribution



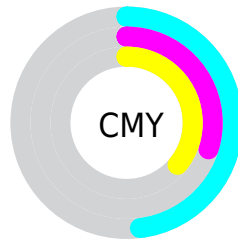
- Red (52%)
- Green (70%)
- Blue (64%)



- Red (52%)
- Yellow (62%)
- Blue (70%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)




- Cyan (48%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4267, 0.2854, 0.3501 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 39.4267, 0.2854, 0.3501 by changing the saturation by 10% instead.


 39.4267, 0.2854,
0.3501

 39.4267, 0.2854,
0.3501


343.7012, 0.2995,
0.3392

 27.0918, 0.2817,
0.3530


 74.2897, 0.2906,
0.3460

 17.6422, 0.2770,
0.3567


 97.5867, 0.2925,
0.3445

 10.6934, 0.2704,
0.3619


 125.3064, 0.2942,
0.3433

 5.8611, 0.2610,
0.3695

157.8334, 0.2955,
0.3422

 2.7608, 0.2463,
0.3815

195.5520, 0.2967,
0.3413

 1.0082, 0.2064,
0.4107

238.8465, 0.2978,

 0.0000, 0.0000,

0.3405

0.0000

288.1015, 0.2987,
0.3398

■ 39.4267, 0.2854,
0.3501

■ 39.4267, 0.2854,
0.3501

■ 37.9220, 0.2761,
0.3596

■ 41.1878, 0.2956,
0.3413

■ 36.6563, 0.2679,
0.3698

■ 43.2121, 0.3063,
0.3333

■ 35.6177, 0.2612,
0.3806

■ 45.5121, 0.3173,
0.3261

■ 34.7910, 0.2562,
0.3918

■ 48.0981, 0.3285,
0.3196

■ 34.1595, 0.2530,
0.4033

■ 50.9799, 0.3396,
0.3139

■ 33.7036, 0.2518,
0.4147

■ 54.1667, 0.3505,
0.3089

■ 33.3983, 0.2525,
0.4261

■ 57.3594, 0.3598,
0.3043

■ 33.2928, 0.2530,
0.4308

■ 57.6200, 0.3550,
0.2988

■ 57.8897, 0.3504,
0.2934

Harmonies

Analogous

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



39.4267, 0.3110, 0.3702



39.4267, 0.2854, 0.3501



39.4267, 0.2675, 0.3243

Triad

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



39.4267, 0.2854, 0.3501



39.4267, 0.2865, 0.2842



39.4267, 0.3670, 0.3532

Complementary

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



39.4267, 0.2854, 0.3501



28.0474, 0.3503, 0.3090

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.



39.4267, 0.3600, 0.3308



39.4267, 0.2854, 0.3501



39.4267, 0.3125, 0.2921

Square

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



39.4267, 0.2854, 0.3501



39.4267, 0.2681, 0.2871



39.4267, 0.3397, 0.3088



39.4267, 0.3586, 0.3707

Rectangle

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



39.4267, 0.2854, 0.3501



39.4267, 0.2619, 0.3082



39.4267, 0.3397, 0.3088



39.4267, 0.3663, 0.3460

Sweetspot

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



39.4283, 0.2854, 0.3501



77.4737, 0.3038, 0.3351



39.6707, 0.3220, 0.3986



17.0394, 0.3022, 0.3363



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.4283, 0.2854, 0.3501



69.8892, 0.2800, 0.3555



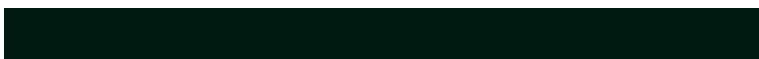
36.7093, 0.2744, 0.3162



9.5867, 0.3025, 0.3360



23.8334, 0.2527, 0.4295



0.7597, 0.2439, 0.3980

Inverse Universe

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



28.0474, 0.3503, 0.3090



45.7220, 0.3616, 0.3043



30.0186, 0.3636, 0.3414



8.5464, 0.3241, 0.3221



6.9736, 0.5712, 0.2921



0.2301, 0.4907, 0.2477

Previews

White Background



This preview shows how the Yxy color 39.4267, 0.2854, 0.3501 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 39.4267, 0.2854, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

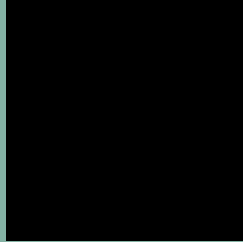
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4267, 0.2854, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 39.4267, 0.2854, 0.3501.

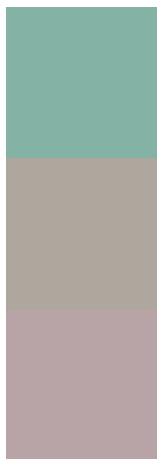


This preview shows how white text looks on a background with the Yxy color 39.4267, 0.2854, 0.3501.

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

39.4267, 0.2854, 0.3501

Protanopia

38.9903, 0.3262, 0.3416

Deuteranopia

39.1748, 0.3292, 0.3237



Tritanopia

39.2213, 0.2717, 0.3086

Trichromacy



Original Color

39.4267, 0.2854, 0.3501

Protanomaly

38.9330, 0.3102, 0.3449

Deuteranomaly

38.7578, 0.3117, 0.3318

Tritanomaly

39.0655, 0.2766, 0.3230

Monochromacy



Original Color

39.4267, 0.2854, 0.3501

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.3250, 0.3024, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4267, 0.2854, 0.3501 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(132, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(132, 178, 164)  
}
```

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(132, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 178, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.4267, 0.2854, 0.3501 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(132, 178, 164) }
```

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

```
.border{ border-color:rgb(132, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(132, 178,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4267, 0.2854, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 178, 164) }
```

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

```
.background{ background-color: rgb(132,  
178, 164) }
```

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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