

Converting Colors

$Yxy(40.2857, 0.3279, 0.3831)$

Have a look what the booklet for
Yxy(40.2857, 0.3279, 0.3831)
contains.

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Color

Yxy(40.2857, 0.3279, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	9FB08B
RGB	159, 176, 139
RGB Percent	62%, 69%, 55%
CMY	0.3766, 0.3098, 0.4548
CMYK	0.10, 0.00, 0.21, 0.31
HSL	88°, 19%, 62%
HSV	88°, 21%, 69%
XYZ	34.4810, 40.2857, 30.3904
YIQ	166.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

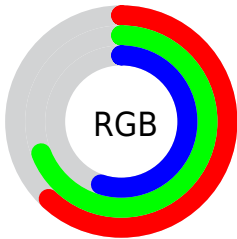
Format	Color
RYB	139, 176, 156
Decimal	10465419
CIELab	69.67, -12.68, 17.01
CIELCh	70, 21.212, 126.698
Yxy	40.2857, 0.3279, 0.3831
Android (android.graphics.Color)	4288655499 (0xFF9FB08B)
YUV	166.6990, -13.6556, -6.7520
Hunter-Lab	63.4710, -14.1030, 16.0412

Details

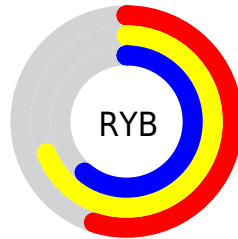
The Yxy color **40.2857, 0.3279, 0.3831** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.6778, 0.2948, 0.2745**, and the grayscale version is **38.5561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8596, 0.3251, 0.3724**, and **18.0130, 0.3315, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **39.0122, 0.3347, 0.4114**, and if you desaturate by 10%, it is **41.6999, 0.3207, 0.3563**.

Distribution



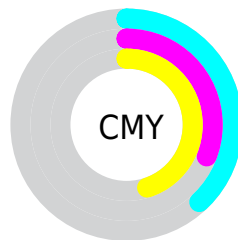
- Red (62%)
- Green (69%)
- Blue (55%)



- Red (55%)
- Yellow (69%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)




- Cyan (38%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2857, 0.3279, 0.3831 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 40.2857, 0.3279, 0.3831 by changing the saturation by 10% instead.


 40.2857, 0.3279,
0.3831


 40.2857, 0.3279,
0.3831


347.3263, 0.3205,
0.3547


 27.7614, 0.3296,
0.3906


 75.5984, 0.3253,
0.3725

 18.1459, 0.3318,
0.4005


 99.1555, 0.3243,
0.3686

 11.0548, 0.3345,
0.4142


 127.1590, 0.3234,
0.3653

 6.1037, 0.3380,
0.4342

159.9933, 0.3227,
0.3626

 2.9082, 0.3421,
0.4659

198.0428, 0.3220,
0.3602

 1.0840, 0.3952,
0.6048

241.6919, 0.3215,

 0.0000, 0.0000,

0.3581

0.0000

291.3249, 0.3210,
0.3563

■ 40.2857, 0.3279,
0.3831

■ 40.2857, 0.3279,
0.3831

■ 39.0122, 0.3347,
0.4114

■ 41.6999, 0.3207,
0.3563

■ 37.8691, 0.3408,
0.4404

■ 43.2542, 0.3135,
0.3314

■ 36.8528, 0.3457,
0.4692

■ 44.9548, 0.3063,
0.3086

■ 35.9576, 0.3491,
0.4966

■ 46.8059, 0.2994,
0.2880

■ 35.1771, 0.3504,
0.5211

■ 48.8116, 0.2929,
0.2694

■ 34.5042, 0.3496,
0.5413

■ 50.9758, 0.2868,
0.2527

■ 33.9306, 0.3465,
0.5565

■ 52.8282, 0.2859,
0.2444

■ 33.4857, 0.3424,
0.5663

■ 54.0909, 0.2921,
0.2459

■ 55.4153, 0.2983,
0.2474

Harmonies

Analogous

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



40.2857, 0.3558, 0.3820



40.2857, 0.3279, 0.3831



40.2857, 0.2968, 0.3675

Triad

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



40.2857, 0.3279, 0.3831



40.2857, 0.2559, 0.2885



40.2857, 0.3555, 0.3167

Complementary

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



40.2857, 0.3279, 0.3831



28.6778, 0.2948, 0.2745

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.



40.2857, 0.3267, 0.2946



40.2857, 0.3279, 0.3831



40.2857, 0.2698, 0.2782

Square

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



40.2857, 0.3279, 0.3831



40.2857, 0.2563, 0.3107



40.2857, 0.2953, 0.2808



40.2857, 0.3726, 0.3425

Rectangle

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



40.2857, 0.3279, 0.3831



40.2857, 0.2786, 0.3499



40.2857, 0.2953, 0.2808



40.2857, 0.3468, 0.3087

Sweetspot

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



40.2875, 0.3279, 0.3831



76.9730, 0.3171, 0.3438



34.7598, 0.3493, 0.3529



16.6430, 0.3176, 0.3454



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.



40.2875, 0.3279, 0.3831



72.0073, 0.3310, 0.3954



38.5699, 0.3116, 0.3859



9.7083, 0.3195, 0.3520



24.6013, 0.3431, 0.5658



0.8083, 0.3640, 0.5492

Inverse Universe

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



28.6778, 0.2948, 0.2745



47.3173, 0.2903, 0.2620



30.6220, 0.3132, 0.2775



8.4154, 0.3055, 0.3060



3.6186, 0.1963, 0.0855



0.1487, 0.2289, 0.1034

Previews

White Background



This preview shows how the Yxy color 40.2857, 0.3279, 0.3831 looks on a white background.

Color Contrast Check

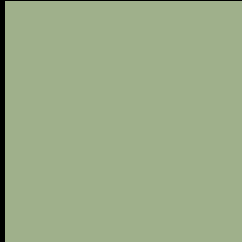
Large Text (above 18pt) WCAG AA × Fail

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 40.2857, 0.3279, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

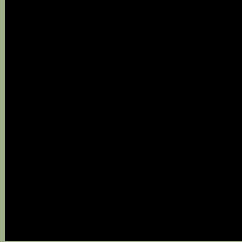
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2857, 0.3279, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 40.2857, 0.3279, 0.3831.



This preview shows how white text looks on a background with the Yxy color 40.2857, 0.3279, 0.3831.

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

40.2857, 0.3279, 0.3831

Protanopia

40.2303, 0.3520, 0.3762

Deuteranopia

39.8831, 0.3645, 0.3568



Tritanopia

40.2753, 0.2985, 0.3111

Trichromacy



Original Color

40.2857, 0.3279, 0.3831

Protanomaly

40.0818, 0.3427, 0.3787

Deuteranomaly

39.9956, 0.3510, 0.3661

Tritanomaly

40.0816, 0.3088, 0.3361

Monochromacy



Original Color

40.2857, 0.3279, 0.3831

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0763, 0.3182, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2857, 0.3279, 0.3831 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(159, 176, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 176, 139)  
}
```

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(159, 176, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 176, 139) }
```

Border

The CSS property to change the border of an element to Yxy 40.2857, 0.3279, 0.3831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

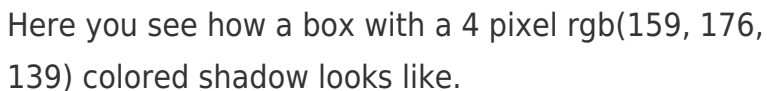
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 176, 139) }
```

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

```
.border{ border-color:rgb(159, 176, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 176, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 176, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 176, 139); box-shadow:4px 4px 4px 4px rgb(159, 176, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2857, 0.3279, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 176, 139) }
```

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

```
.background{ background-color: rgb(159,  
176, 139) }
```

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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