

Converting Colors

$Yxy(38.6139, 0.2850, 0.3560)$

Have a look what the booklet for
Yxy(38.6139, 0.2850, 0.3560)
contains.

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Color

Yxy(38.4944, 0.2844, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	7FB1A0
RGB	127, 177, 160
RGB Percent	50%, 69%, 63%
CMY	0.5019, 0.3059, 0.3726
CMYK	0.28, 0.00, 0.10, 0.31
HSL	160°, 24%, 60%
HSV	160°, 28%, 69%
XYZ	30.8215, 38.4944, 39.0579
YIQ	160.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

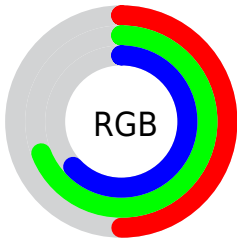
Format	Color
RYB	127, 157, 177
Decimal	8368544
CIELab	68.38, -20.21, 3.38
CIElCh	68, 20.491, 170.499
Yxy	38.4944, 0.2844, 0.3552
Android (android.graphics.Color)	4286558624 (0xFF7FB1A0)
YUV	160.1120, -0.0552, -29.0392
Hunter-Lab	62.0439, -19.9033, 6.1064

Details

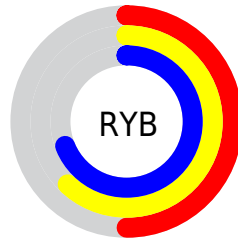
The Yxy color **38.4944, 0.2844, 0.3552** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.5472, 0.3527, 0.3044**, and the grayscale version is **35.2195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0079, 0.2898, 0.3499**, and **17.0559, 0.2750, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **37.0481, 0.2757, 0.3661**, and if you desaturate by 10%, it is **40.1928, 0.2940, 0.3451**.

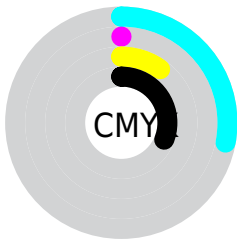
Distribution



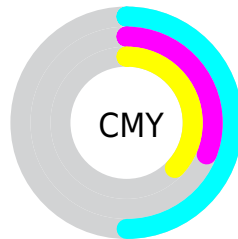
- Red (50%)
- Green (69%)
- Blue (63%)



- Red (50%)
- Yellow (62%)
- Blue (69%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)





- Cyan (50%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4944, 0.2844, 0.3552 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 38.4944, 0.2844, 0.3552 by changing the saturation by 10% instead.


 38.4944, 0.2844,
0.3552

 38.4944, 0.2844,
0.3552


339.7361, 0.2991,
0.3415


 26.3666, 0.2806,
0.3588


 72.8653, 0.2899,
0.3501

 17.0981, 0.2755,
0.3637


 95.8772, 0.2919,
0.3482

 10.3045, 0.2686,
0.3703


 123.2860, 0.2936,
0.3466

 5.6013, 0.2585,
0.3801

155.4759, 0.2950,
0.3453

 2.6042, 0.2425,
0.3960

192.8316, 0.2962,
0.3441

 0.9288, 0.1859,
0.4440

235.7372, 0.2973,

 0.0000, 0.0000,

0.3431

0.0000

284.5772, 0.2983,
0.3423

■ 38.4944, 0.2844,
0.3552

■ 38.4944, 0.2844,
0.3552

■ 37.0481, 0.2757,
0.3661

■ 40.1928, 0.2940,
0.3451

■ 35.8366, 0.2682,
0.3778

■ 42.1504, 0.3041,
0.3359

■ 34.8476, 0.2622,
0.3902

■ 44.3796, 0.3146,
0.3276

■ 34.0660, 0.2579,
0.4029

■ 46.8908, 0.3252,
0.3202

■ 33.4745, 0.2555,
0.4159

■ 49.6938, 0.3358,
0.3136

■ 33.0530, 0.2550,
0.4289

■ 52.7978, 0.3461,
0.3078

■ 32.7681, 0.2564,
0.4417

■ 56.2117, 0.3562,
0.3027

■ 32.7228, 0.2566,
0.4439

■ 57.2676, 0.3545,
0.2969

■ 57.5702, 0.3493,
0.2909

Harmonies

Analogous

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



38.4944, 0.3135, 0.3769



38.4944, 0.2844, 0.3552



38.4944, 0.2635, 0.3262

Triad

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



38.4944, 0.2844, 0.3552



38.4944, 0.2810, 0.2788



38.4944, 0.3736, 0.3537

Complementary

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



38.4944, 0.2844, 0.3552



26.5472, 0.3527, 0.3044

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.



38.4944, 0.3643, 0.3285



38.4944, 0.2844, 0.3552



38.4944, 0.3096, 0.2867

Square

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



38.4944, 0.2844, 0.3552



38.4944, 0.2616, 0.2831



38.4944, 0.3404, 0.3045



38.4944, 0.3657, 0.3742

Rectangle

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



38.4944, 0.2844, 0.3552



38.4944, 0.2565, 0.3078



38.4944, 0.3404, 0.3045



38.4944, 0.3724, 0.3455

Sweetspot

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



38.4960, 0.2844, 0.3552



75.5265, 0.3042, 0.3358



38.9532, 0.3242, 0.4055



16.2486, 0.3027, 0.3371



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.



38.4960, 0.2844, 0.3552



67.2490, 0.2788, 0.3621



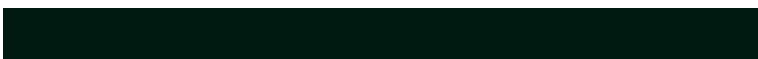
36.2521, 0.2713, 0.3175



9.5814, 0.3030, 0.3369



23.7205, 0.2563, 0.4425



0.7567, 0.2464, 0.4069

Inverse Universe

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



26.5472, 0.3527, 0.3044



42.2408, 0.3651, 0.2986



28.0749, 0.3703, 0.3402



8.5514, 0.3235, 0.3213



7.0210, 0.5578, 0.2846



0.2321, 0.4787, 0.2411

Previews

White Background



This preview shows how the Yxy color 38.4944, 0.2844, 0.3552 looks on a white background.

Color Contrast Check

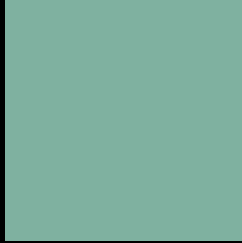
Large Text (above 18pt) WCAG AA × Fail

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 38.4944, 0.2844, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

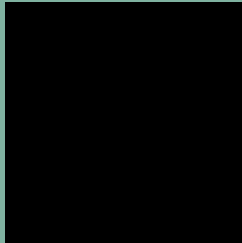
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4944, 0.2844, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 38.4944, 0.2844, 0.3552.



This preview shows how white text looks on a background with the Yxy color 38.4944, 0.2844, 0.3552.

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

38.4944, 0.2844, 0.3552

Protanopia

38.3762, 0.3289, 0.3460

Deuteranopia

38.2014, 0.3322, 0.3263



Tritanopia

38.4615, 0.2693, 0.3084

Trichromacy



Original Color

38.4944, 0.2844, 0.3552

Protanomaly

38.2177, 0.3118, 0.3495

Deuteranomaly

38.0326, 0.3133, 0.3362

Tritanomaly

38.2717, 0.2749, 0.3244

Monochromacy



Original Color

38.4944, 0.2844, 0.3552

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.1064, 0.3014, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4944, 0.2844, 0.3552 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(127, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 160)  
}
```

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(127, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.4944, 0.2844, 0.3552 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(127, 177, 160) }
```

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

```
.border{ border-color:rgb(127, 177, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4944, 0.2844, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 160) }
```

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

```
.background{ background-color: rgb(127,  
177, 160) }
```

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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