

Converting Colors

$Yxy(44.6665, 0.2779, 0.3868)$

Have a look what the booklet for
Yxy(44.6665, 0.2779, 0.3868)
contains.

Yxy(44.8440, 0.2775, 0.3871)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8440, 0.2775, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	6FC39D
RGB	111, 195, 157
RGB Percent	44%, 76%, 62%
CMY	0.5651, 0.2352, 0.3844
CMYK	0.43, 0.00, 0.19, 0.24
HSL	153°, 41%, 60%
HSV	153°, 43%, 76%
XYZ	32.1473, 44.8440, 38.8548
YIQ	165.5520, -37.8660, -29.6260

Conversions

Conversions Part 2

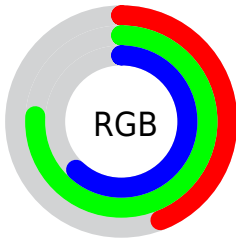
Format	Color
R _{YB}	111, 165, 195
Decimal	7324573
CIE Lab	72.79, -34.34, 11.23
CIE LCh	73, 36.131, 161.900
Yxy	44.8440, 0.2775, 0.3871
Android (android.graphics.Color)	4285514653 (0xFF6FC39D)
YUV	165.5520, -4.2161, -47.8421
Hunter-Lab	66.9657, -31.4999, 12.4748

Details

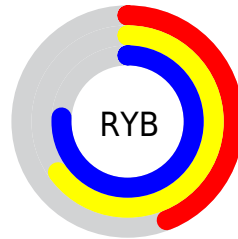
The Yxy color **44.8440, 0.2775, 0.3871** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.1221, 0.3725, 0.2785**, and the grayscale version is **37.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4813, 0.2840, 0.3752**, and **20.9311, 0.2664, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **43.4267, 0.2717, 0.4036**, and if you desaturate by 10%, it is **46.5628, 0.2845, 0.3716**.

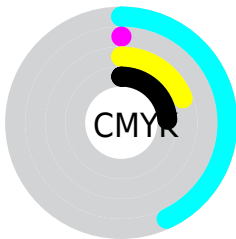
Distribution



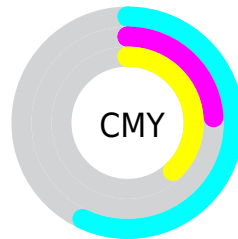
- Red (44%)
- Green (76%)
- Blue (62%)



- Red (44%)
- Yellow (65%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)





- Cyan (57%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8440, 0.2775, 0.3871 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 44.8440, 0.2775, 0.3871 by changing the saturation by 10% instead.


 44.8440, 0.2775,
0.3871

 44.8440, 0.2775,
0.3871


366.1414, 0.2957,
0.3567


 31.3346, 0.2727,
0.3951


 82.4863, 0.2843,
0.3757

 20.8537, 0.2665,
0.4057


 107.3879, 0.2868,
0.3716

 13.0171, 0.2580,
0.4202


 136.8557, 0.2889,
0.3681

 7.4403, 0.2458,
0.4415

171.2741, 0.2906,
0.3651

 3.7390, 0.2266,
0.4752

211.0275, 0.2922,
0.3626

 1.5287, 0.1817,
0.5474

256.5002, 0.2935,


 0.3088, 0.0000,


0.3604

1.0000

308.0767, 0.2947,
0.3585

 0.0000, 0.0000,
0.0000

 44.8440, 0.2775,
0.3871


 44.8440, 0.2775,
0.3871

 43.4267, 0.2717,
0.4036


 46.5628, 0.2845,
0.3716


 42.2867, 0.2675,
0.4209


 48.5945, 0.2925,
0.3572

 41.4051, 0.2650,
0.4386


 50.9566, 0.3010,
0.3442


 40.7580, 0.2646,
0.4562

 53.6638, 0.3099,
0.3324

 40.3168, 0.2661,
0.4734

 56.7297, 0.3189,
0.3219

 40.0963, 0.2680,
0.4848

 60.1672, 0.3279,
0.3126

 63.9887, 0.3367,
0.3044

 65.8734, 0.3359,
0.2962

 66.3743, 0.3291,
0.2876

Harmonies

Analogous

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



44.8440, 0.3269, 0.4181



44.8440, 0.2775, 0.3871



44.8440, 0.2396, 0.3371

Triad

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



44.8440, 0.2775, 0.3871



44.8440, 0.2494, 0.2477



44.8440, 0.4138, 0.3551

Complementary

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



44.8440, 0.2775, 0.3871



25.1221, 0.3725, 0.2785

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.



44.8440, 0.3900, 0.3148



44.8440, 0.2775, 0.3871



44.8440, 0.2919, 0.2557

Square

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



44.8440, 0.2775, 0.3871



44.8440, 0.2248, 0.2586



44.8440, 0.3439, 0.2796



44.8440, 0.4073, 0.3930

Rectangle

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



44.8440, 0.2775, 0.3871



44.8440, 0.2249, 0.3041



44.8440, 0.3439, 0.2796



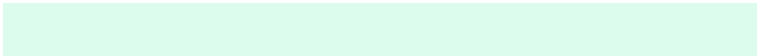
44.8440, 0.4091, 0.3415

Sweetspot

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



44.8458, 0.2775, 0.3871



91.2122, 0.3009, 0.3443



46.6831, 0.3369, 0.4495



19.7548, 0.2990, 0.3471



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.8458, 0.2775, 0.3871



77.8360, 0.2719, 0.4031



45.1080, 0.2541, 0.3248



11.3491, 0.3043, 0.3396



26.0724, 0.2674, 0.4826



1.1403, 0.2569, 0.4448

Inverse Universe

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



25.1221, 0.3725, 0.2785



37.8140, 0.3930, 0.2680



24.7208, 0.4226, 0.3331



10.1519, 0.3220, 0.3186



8.0170, 0.5138, 0.2604



0.3603, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 44.8440, 0.2775, 0.3871 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 44.8440, 0.2775, 0.3871 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 44.8440, 0.2775, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 44.8440, 0.2775, 0.3871.

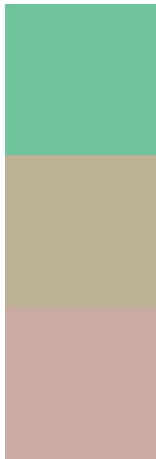


This preview shows how white text looks on a background with the Yxy color 44.8440, 0.2775, 0.3871.

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

44.8440, 0.2775, 0.3871

Protanopia

44.1472, 0.3462, 0.3677

Deuteranopia

44.1520, 0.3484, 0.3406



Tritanopia

44.9658, 0.2551, 0.3078

Trichromacy



Original Color

44.8440, 0.2775, 0.3871



Protanomaly

43.8863, 0.3172, 0.3760



Deuteranomaly

43.5054, 0.3183, 0.3568



Tritanomaly

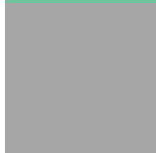
44.7714, 0.2632, 0.3347

Monochromacy



Original Color

44.8440, 0.2775, 0.3871



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

40.1996, 0.2973, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8440, 0.2775, 0.3871 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(111, 195, 157)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 157)  
}
```

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(111, 195, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.8440, 0.2775, 0.3871 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(111, 195, 157) }
```

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

```
.border{ border-color:rgb(111, 195, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 195, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 195, 157); box-shadow:4px 4px 4px 4px rgb(111, 195, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8440, 0.2775, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 157) }
```

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

```
.background{ background-color: rgb(111,  
195, 157) }
```

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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