

Converting Colors

$Yxy(39.9348, 0.2701, 0.3581)$

Have a look what the booklet for
Yxy(39.9348, 0.2701, 0.3581)
contains.

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Color

Yxy(39.8623, 0.2705, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	6EB7A4
RGB	110, 183, 164
RGB Percent	43%, 72%, 64%
CMY	0.5684, 0.2824, 0.3569
CMYK	0.40, 0.00, 0.10, 0.28
HSL	164°, 34%, 57%
HSV	164°, 40%, 72%
XYZ	30.0690, 39.8623, 41.2296
YIQ	159.0070, -37.4090, -21.3850

Conversions

Conversions Part 2

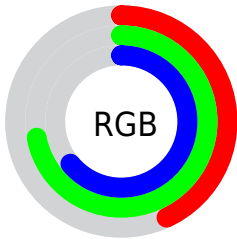
Format	Color
RYB	110, 152, 183
Decimal	7255972
CIELab	69.37, -27.29, 2.50
CIElCh	69, 27.401, 174.766
Yxy	39.8623, 0.2705, 0.3586
Android (android.graphics.Color)	4285446052 (0xFF6EB7A4)
YUV	159.0070, 2.4615, -42.9791
Hunter-Lab	63.1366, -25.4778, 5.4780

Details

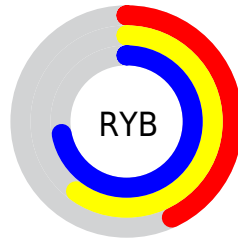
The Yxy color **39.8623, 0.2705, 0.3586** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.8162, 0.3848, 0.3020**, and the grayscale version is **34.6814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8468, 0.2786, 0.3524**, and **17.9759, 0.2577, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **38.6391, 0.2625, 0.3675**, and if you desaturate by 10%, it is **41.3375, 0.2798, 0.3503**.

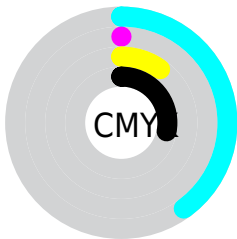
Distribution



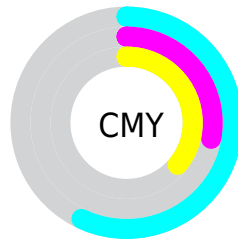
- Red (43%)
- Green (72%)
- Blue (64%)



- Red (43%)
- Yellow (60%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (57%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8623, 0.2705, 0.3586 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 39.8623, 0.2705, 0.3586 by changing the saturation by 10% instead.

 39.8623, 0.2705,
0.3586


 39.8623, 0.2705,
0.3586

345.5428, 0.2922,
0.3433


 27.4312, 0.2649,
0.3626


 74.9538, 0.2785,
0.3529


 17.8973, 0.2576,
0.3679


 98.3830, 0.2815,
0.3508

 10.8763, 0.2477,
0.3751


 126.2469, 0.2840,
0.3490

 5.9837, 0.2335,
0.3856

 158.9301, 0.2861,
0.3475

 2.8352, 0.2116,
0.4022

196.8169, 0.2879,
0.3462

 1.0463, 0.1378,
0.4508

240.2917, 0.2895,

 0.0000, 0.0000,

0.3451

0.0000

289.7389, 0.2909,
0.3441

■ 39.8623, 0.2705,
0.3586

■ 39.8623, 0.2705,
0.3586

■ 38.6391, 0.2625,
0.3675

■ 41.3375, 0.2798,
0.3503

■ 37.6482, 0.2560,
0.3768

■ 43.0738, 0.2902,
0.3425

■ 36.8742, 0.2514,
0.3863


■ 45.0856, 0.3013,
0.3354

■ 36.2982, 0.2487,
0.3960

■ 47.3848, 0.3129,
0.3289


■ 35.8977, 0.2479,
0.4057

■ 49.9826, 0.3247,
0.3231


 35.6276, 0.2487,
0.4153

 52.8897, 0.3365,
0.3180

 35.6240, 0.2487,
0.4154

 56.1161, 0.3483,
0.3134

 59.3956, 0.3585,
0.3093

 59.6251, 0.3544,
0.3044

Harmonies

Analogous

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



39.8623, 0.3074, 0.3904



39.8623, 0.2705, 0.3586



39.8623, 0.2458, 0.3190

Triad

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



39.8623, 0.2705, 0.3586



39.8623, 0.2756, 0.2644



39.8623, 0.3932, 0.3647

Complementary

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



39.8623, 0.2705, 0.3586



22.8162, 0.3848, 0.3020

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.



39.8623, 0.3842, 0.3322



39.8623, 0.2705, 0.3586



39.8623, 0.3140, 0.2768

Square

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



39.8623, 0.2705, 0.3586



39.8623, 0.2487, 0.2670



39.8623, 0.3545, 0.3009



39.8623, 0.3791, 0.3908

Rectangle

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



39.8623, 0.2705, 0.3586



39.8623, 0.2387, 0.2956



39.8623, 0.3545, 0.3009



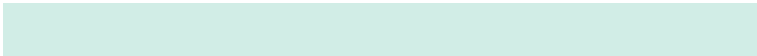
39.8623, 0.3929, 0.3542

Sweetspot

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



39.8639, 0.2705, 0.3586



79.8642, 0.2987, 0.3370



39.6989, 0.3227, 0.4436



17.5335, 0.2972, 0.3379



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.8639, 0.2705, 0.3586



69.4193, 0.2633, 0.3665



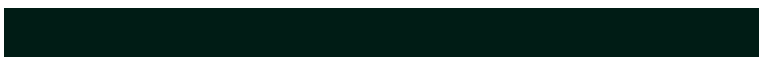
34.0007, 0.2544, 0.3023



10.1696, 0.3019, 0.3350



24.8648, 0.2484, 0.4143



0.8861, 0.2415, 0.3895

Inverse Universe

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



22.8162, 0.3848, 0.3020



34.5741, 0.4100, 0.2963



26.3911, 0.4013, 0.3537



9.0496, 0.3248, 0.3231



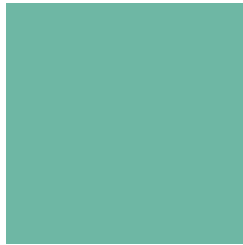
7.1798, 0.5865, 0.3005



0.2636, 0.5115, 0.2592

Previews

White Background



This preview shows how the Yxy color 39.8623, 0.2705, 0.3586 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 39.8623, 0.2705, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

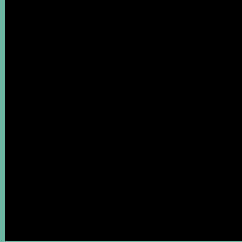
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

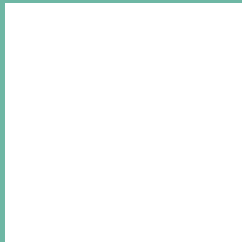
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8623, 0.2705, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 39.8623, 0.2705, 0.3586.

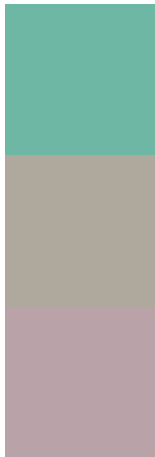


This preview shows how white text looks on a background with the Yxy color 39.8623, 0.2705, 0.3586.

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

39.8623, 0.2705, 0.3586

Protanopia

39.5195, 0.3297, 0.3458

Deuteranopia

39.3358, 0.3292, 0.3223



Tritanopia

39.8724, 0.2557, 0.3082

Trichromacy



Original Color

39.8623, 0.2705, 0.3586

Protanomaly

38.9697, 0.3047, 0.3496

Deuteranomaly

38.8086, 0.3045, 0.3333

Tritanomaly

39.5973, 0.2609, 0.3258

Monochromacy



Original Color

39.8623, 0.2705, 0.3586

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.2412, 0.2944, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8623, 0.2705, 0.3586 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(110, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(110, 183, 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(110, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 183, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.8623, 0.2705, 0.3586 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(110, 183, 164) }
```

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

```
.border{ border-color:rgb(110, 183, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 183, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(110, 183,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8623, 0.2705, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 183, 164) }
```

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

```
.background{ background-color: rgb(110,  
183, 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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