

Converting Colors

$Yxy(39.4437, 0.2701, 0.3801)$

Have a look what the booklet for
Yxy(39.4437, 0.2701, 0.3801)
contains.

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Color

Yxy(39.5945, 0.2705, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	62B999
RGB	98, 185, 153
RGB Percent	38%, 73%, 60%
CMY	0.6154, 0.2745, 0.4000
CMYK	0.47, 0.00, 0.17, 0.27
HSL	158°, 38%, 56%
HSV	158°, 47%, 73%
XYZ	28.1406, 39.5945, 36.2967
YIQ	155.3390, -41.5800, -28.3960

Conversions

Conversions Part 2

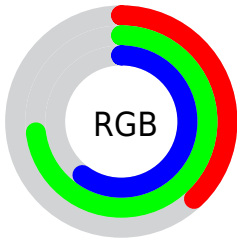
Format	Color
RYB	98, 151, 185
Decimal	6470041
CIELab	69.18, -33.91, 8.19
CIELCh	69, 34.880, 166.426
Yxy	39.5945, 0.2705, 0.3806
Android (android.graphics.Color)	4284660121 (0xFF62B999)
YUV	155.3390, -1.1531, -50.2863
Hunter-Lab	62.9242, -30.2895, 9.8465

Details

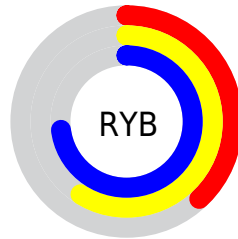
The Yxy color **39.5945, 0.2705, 0.3806** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **20.6740, 0.3907, 0.2843**, and the grayscale version is **32.9625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7816, 0.2788, 0.3712**, and **17.6633, 0.2570, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **38.4638, 0.2645, 0.3940**, and if you desaturate by 10%, it is **40.9790, 0.2779, 0.3679**.

Distribution



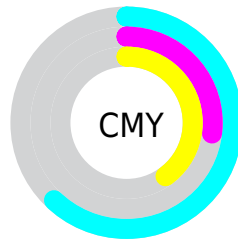
- Red (38%)
- Green (73%)
- Blue (60%)



- Red (38%)
- Yellow (59%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)




- Cyan (62%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5945, 0.2705, 0.3806 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 39.5945, 0.2705, 0.3806 by changing the saturation by 10% instead.


 39.5945, 0.2705,
0.3806


 39.5945, 0.2705,
0.3806


344.4115, 0.2925,
0.3533


 27.2225, 0.2647,
0.3880


 74.5456, 0.2787,
0.3703


 17.7404, 0.2570,
0.3978


 97.8936, 0.2818,
0.3665

 10.7638, 0.2465,
0.4114


 125.6690, 0.2843,
0.3634

 5.9082, 0.2312,
0.4318

 158.2562, 0.2864,
0.3607

 2.7894, 0.2069,
0.4652

196.0397, 0.2883,
0.3585

 1.0228, 0.0815,
0.6033

239.4038, 0.2899,

 0.0000, 0.0000,

0.3565

0.0000

288.7329, 0.2913,
0.3548

■ 39.5945, 0.2705,
0.3806

■ 39.5945, 0.2705,
0.3806

■ 38.4638, 0.2645,
0.3940

■ 40.9790, 0.2779,
0.3679

■ 37.5655, 0.2602,
0.4079

■ 42.6279, 0.2864,
0.3561

■ 36.8820, 0.2578,
0.4221


■ 44.5567, 0.2958,
0.3452

■ 36.3914, 0.2575,
0.4362


■ 46.7784, 0.3056,
0.3353

■ 36.0629, 0.2589,
0.4501


■ 49.3051, 0.3158,
0.3264

 35.9783, 0.2595,
0.4543

 52.1483, 0.3260,
0.3185

 55.3190, 0.3362,
0.3115

 58.8273, 0.3461,
0.3053

 60.8251, 0.3479,
0.2990

Harmonies

Analogous

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



39.5945, 0.3192, 0.4159



39.5945, 0.2705, 0.3806



39.5945, 0.2350, 0.3293

Triad

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



39.5945, 0.2705, 0.3806



39.5945, 0.2545, 0.2472



39.5945, 0.4154, 0.3613

Complementary

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



39.5945, 0.2705, 0.3806



20.6740, 0.3907, 0.2843

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.



39.5945, 0.3959, 0.3207



39.5945, 0.2705, 0.3806



39.5945, 0.2994, 0.2580

Square

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



39.5945, 0.2705, 0.3806



39.5945, 0.2267, 0.2552



39.5945, 0.3519, 0.2841



39.5945, 0.4044, 0.3983

Rectangle

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



39.5945, 0.2705, 0.3806



39.5945, 0.2224, 0.2971



39.5945, 0.3519, 0.2841



39.5945, 0.4123, 0.3478

Sweetspot

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



39.5961, 0.2705, 0.3806



80.8512, 0.2985, 0.3424



40.4352, 0.3321, 0.4634



17.2541, 0.2964, 0.3446



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.



39.5961, 0.2705, 0.3806



68.9062, 0.2646, 0.3939



36.7055, 0.2482, 0.3130



10.1530, 0.3033, 0.3375



24.5138, 0.2590, 0.4525



0.8757, 0.2491, 0.4168

Inverse Universe

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



20.6740, 0.3907, 0.2843



31.0337, 0.4169, 0.2762



21.9651, 0.4318, 0.3436



9.0654, 0.3232, 0.3206



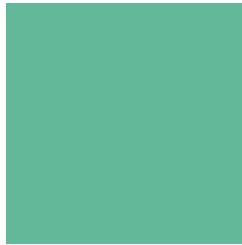
7.3210, 0.5474, 0.2789



0.2702, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 39.5945, 0.2705, 0.3806 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 39.5945, 0.2705, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

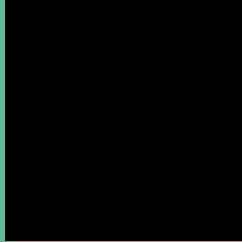
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5945, 0.2705, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 39.5945, 0.2705, 0.3806.



This preview shows how white text looks on a background with the Yxy color 39.5945, 0.2705, 0.3806.

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

39.5945, 0.2705, 0.3806

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

39.0006, 0.3416, 0.3345



Tritanopia

39.3865, 0.2503, 0.3065

Trichromacy



Original Color

39.5945, 0.2705, 0.3806

Protanomaly

38.6746, 0.3117, 0.3696

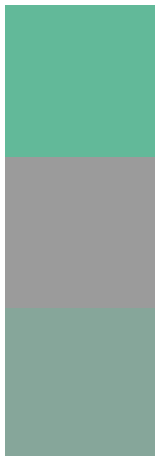
Deuteranomaly

38.1183, 0.3108, 0.3496

Tritanomaly

39.3057, 0.2574, 0.3319

Monochromacy



Original Color

39.5945, 0.2705, 0.3806

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.6739, 0.2939, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5945, 0.2705, 0.3806 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(98, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(98, 185, 153)  
}
```

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(98, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 185, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.5945, 0.2705, 0.3806 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(98, 185, 153) }
```

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

```
.border{ border-color:rgb(98, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(98, 185,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5945, 0.2705, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 185, 153) }
```

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

```
.background{ background-color: rgb(98, 185,  
153) }
```

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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