

Converting Colors

$Y_{xy}(39.6280, 0.2702, 0.3289)$

Have a look what the booklet for
Yxy(39.6280, 0.2702, 0.3289)
contains.

Yxy(39.4151, 0.2705, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.4151, 0.2705, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	7DB2B2
RGB	125, 178, 178
RGB Percent	49%, 70%, 70%
CMY	0.5096, 0.3020, 0.3020
CMYK	0.30, 0.00, 0.00, 0.30
HSL	180°, 26%, 59%
HSV	180°, 30%, 70%
XYZ	32.4165, 39.4151, 48.0076
YIQ	162.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

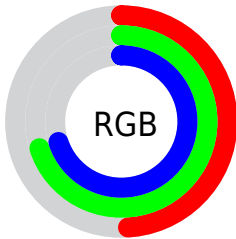
Format	Color
RYB	125, 152, 178
Decimal	8237746
CIELab	69.05, -17.26, -5.58
CIElCh	69, 18.141, 197.925
Yxy	39.4151, 0.2705, 0.3289
Android (android.graphics.Color)	4286427826 (0xFF7DB2B2)
YUV	162.1530, 7.8126, -32.5832
Hunter-Lab	62.7814, -17.7011, -1.3907

Details

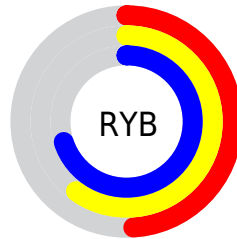
The Yxy color **39.4151, 0.2705, 0.3289** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.6253, 0.3777, 0.3292**, and the grayscale version is **36.1847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3699, 0.2780, 0.3289**, and **17.5644, 0.2580, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **38.1941, 0.2587, 0.3289**, and if you desaturate by 10%, it is **40.8793, 0.2837, 0.3289**.

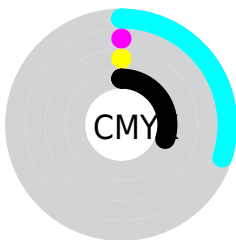
Distribution



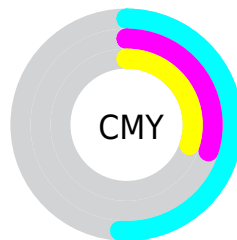
- Red (49%)
- Green (70%)
- Blue (70%)



- Red (49%)
- Yellow (60%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4151, 0.2705, 0.3289 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 39.4151, 0.2705, 0.3289 by changing the saturation by 10% instead.

 39.4151, 0.2705,
0.3289

 39.4151, 0.2705,
0.3289


343.6521, 0.2920,
0.3293


 27.0828, 0.2650,
0.3287

 74.2720, 0.2784,
0.3291

 17.6354, 0.2580,
0.3284

 97.5654, 0.2813,
0.3292

 10.6886, 0.2484,
0.3278


 125.2813, 0.2838,
0.3292

 5.8578, 0.2349,
0.3268

157.8041, 0.2859,
0.3292

 2.7588, 0.2145,
0.3247

195.5182, 0.2877,
0.3292

 1.0072, 0.1703,
0.3231

238.8080, 0.2893,

 0.0000, 0.0000,

0.3293

0.0000

288.0578, 0.2907,
0.3293

■ 39.4151, 0.2705,
0.3289

■ 39.4151, 0.2705,
0.3289

■ 38.1941, 0.2587,
0.3289

■ 40.8793, 0.2837,
0.3289

■ 37.1988, 0.2486,
0.3289

■ 42.5940, 0.2980,
0.3290

■ 36.4168, 0.2402,
0.3288

■ 44.5716, 0.3131,
0.3290

■ 35.8324, 0.2337,
0.3288

■ 46.8227, 0.3288,
0.3290

■ 35.4281, 0.2291,
0.3288

■ 49.3572, 0.3447,
0.3291

■ 35.1829, 0.2262,
0.3288

■ 52.1843, 0.3607,
0.3291

■ 35.0546, 0.2247,
0.3288

■ 55.3131, 0.3764,
0.3292

■ 35.0517, 0.2247,
0.3288

■ 56.3153, 0.3811,
0.3292

■ 56.3156, 0.3811,
0.3292

Harmonies

Analogous

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



39.4151, 0.2899, 0.3539



39.4151, 0.2705, 0.3289



39.4151, 0.2622, 0.3052

Triad

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



39.4151, 0.2705, 0.3289



39.4151, 0.3077, 0.2905



39.4151, 0.3604, 0.3677

Complementary

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



39.4151, 0.2705, 0.3289



25.6253, 0.3777, 0.3292

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.



39.4151, 0.3660, 0.3492



39.4151, 0.2705, 0.3289



39.4151, 0.3349, 0.3057

Square

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



39.4151, 0.2705, 0.3289



39.4151, 0.2830, 0.2845



39.4151, 0.3566, 0.3268



39.4151, 0.3418, 0.3766

Rectangle

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



39.4151, 0.2705, 0.3289



39.4151, 0.2638, 0.2936



39.4151, 0.3566, 0.3268



39.4151, 0.3639, 0.3623

Sweetspot

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



39.4167, 0.2705, 0.3289



77.4434, 0.2989, 0.3290



37.7517, 0.3095, 0.4140



17.0508, 0.2967, 0.3290



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.4167, 0.2705, 0.3289



69.9126, 0.2622, 0.3289



30.1652, 0.2661, 0.2888



9.6315, 0.2986, 0.3290



25.0807, 0.2247, 0.3288



0.7892, 0.2247, 0.3288

Inverse Universe

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



25.6253, 0.3777, 0.3292



40.6602, 0.3996, 0.3292



32.9634, 0.3672, 0.3660



8.5053, 0.3287, 0.3290



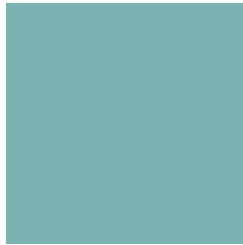
6.7724, 0.6400, 0.3299



0.2131, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 39.4151, 0.2705, 0.3289 looks on a white background.

Color Contrast Check

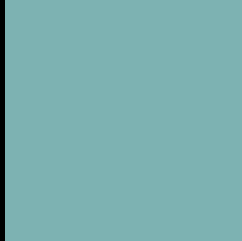
Large Text (above 18pt) WCAG AA × Fail

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 39.4151, 0.2705, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

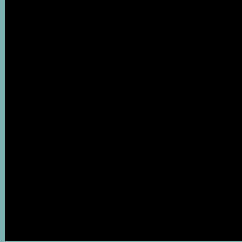
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4151, 0.2705, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 39.4151, 0.2705, 0.3289.

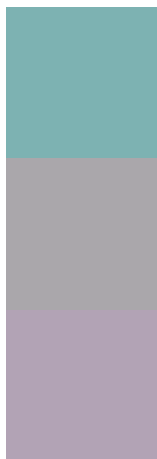


This preview shows how white text looks on a background with the Yxy color 39.4151, 0.2705, 0.3289.

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

39.4151, 0.2705, 0.3289

Protanopia

39.1238, 0.3121, 0.3234

Deuteranopia

38.9956, 0.3111, 0.3048



Tritanopia

39.3576, 0.2642, 0.3084

Trichromacy



Original Color

39.4151, 0.2705, 0.3289

Protanomaly

39.0518, 0.2954, 0.3246

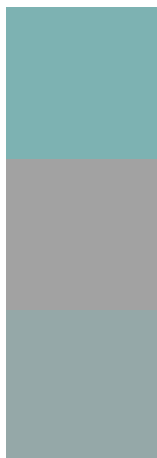
Deuteranomaly

38.6715, 0.2948, 0.3120

Tritanomaly

39.5015, 0.2664, 0.3156

Monochromacy



Original Color

39.4151, 0.2705, 0.3289

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2220, 0.2957, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4151, 0.2705, 0.3289 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(125, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(125, 178, 178)  
}
```

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(125, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 178, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.4151, 0.2705, 0.3289 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(125, 178, 178) }
```

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

```
.border{ border-color:rgb(125, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(125, 178,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4151, 0.2705, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 178, 178) }
```

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

```
.background{ background-color: rgb(125,  
178, 178) }
```

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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