

Converting Colors

$Y_{xy}(39.9985, 0.2611, 0.3254)$

Have a look what the booklet for
Yxy(39.9985, 0.2611, 0.3254)
contains.

Yxy(40.1115, 0.2611, 0.3258)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.1115, 0.2611, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	73B5B7
RGB	115, 181, 183
RGB Percent	45%, 71%, 72%
CMY	0.5489, 0.2902, 0.2823
CMYK	0.37, 0.01, 0.00, 0.28
HSL	182°, 32%, 58%
HSV	182°, 37%, 72%
XYZ	32.1458, 40.1115, 50.8596
YIQ	161.4940, -39.9780, -13.3700

Conversions

Conversions Part 2

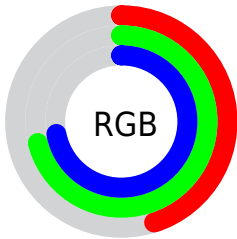
Format	Color
RYB	115, 148, 183
Decimal	7583159
CIELab	69.55, -20.38, -7.68
CIELCh	70, 21.781, 200.650
Yxy	40.1115, 0.2611, 0.3258
Android (android.graphics.Color)	4285773239 (0xFF73B5B7)
YUV	161.4940, 10.6025, -40.7752
Hunter-Lab	63.3336, -20.2338, -3.2788

Details

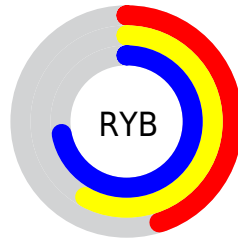
The Yxy color **40.1115, 0.2611, 0.3258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **24.0444, 0.4006, 0.3322**, and the grayscale version is **35.8503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3464, 0.2707, 0.3266**, and **18.0421, 0.2459, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **38.7713, 0.2502, 0.3248**, and if you desaturate by 10%, it is **41.7021, 0.2735, 0.3267**.

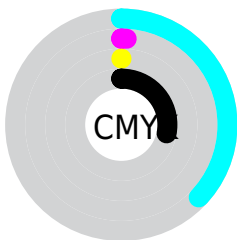
Distribution



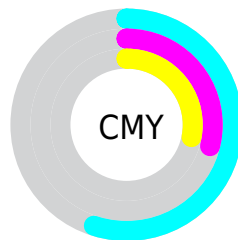
- Red (45%)
- Green (71%)
- Blue (72%)



- Red (45%)
- Yellow (58%)
- Blue (72%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)





- Cyan (55%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1115, 0.2611, 0.3258 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 40.1115, 0.2611, 0.3258 by changing the saturation by 10% instead.

 40.1115, 0.2611,
0.3258


 40.1115, 0.2611,
0.3258


346.5933, 0.2872,
0.3279


 27.6255, 0.2545,
0.3251


 75.3333, 0.2706,
0.3267

 18.0435, 0.2461,
0.3241


 98.8378, 0.2742,
0.3270

 10.9812, 0.2348,
0.3226


 126.7840, 0.2772,
0.3272

 6.0542, 0.2189,
0.3200

159.5562, 0.2798,
0.3274

 2.8781, 0.1953,
0.3154

197.5389, 0.2820,
0.3276

 1.0684, 0.1466,
0.3088

241.1163, 0.2839,

 0.0000, 0.0000,

0.3277

0.0000

290.6730, 0.2856,
0.3278

■ 40.1115, 0.2611,
0.3258

■ 40.1115, 0.2611,
0.3258

■ 38.7713, 0.2502,
0.3248

■ 41.7021, 0.2735,
0.3267

■ 37.6620, 0.2410,
0.3238

■ 43.5518, 0.2872,
0.3276

■ 36.7691, 0.2337,
0.3229

■ 45.6747, 0.3018,
0.3284

■ 36.0743, 0.2282,
0.3219

■ 48.0823, 0.3171,
0.3292

■ 35.5562, 0.2246,
0.3209

■ 50.7857, 0.3328,
0.3299

■ 35.1845, 0.2226,
0.3199

■ 53.7954, 0.3487,
0.3305

■ 35.0891, 0.2221,
0.3197

■ 57.1211, 0.3644,
0.3311

■ 59.5287, 0.3744,
0.3316

■ 59.7580, 0.3743,
0.3322

Harmonies

Analogous

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



40.1115, 0.2829, 0.3564



40.1115, 0.2611, 0.3258



40.1115, 0.2527, 0.2982

Triad

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



40.1115, 0.2611, 0.3258



40.1115, 0.3095, 0.2848



40.1115, 0.3681, 0.3764

Complementary

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



40.1115, 0.2611, 0.3258



24.0444, 0.4006, 0.3322

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.



40.1115, 0.3766, 0.3548



40.1115, 0.2611, 0.3258



40.1115, 0.3418, 0.3034

Square

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



40.1115, 0.2611, 0.3258



40.1115, 0.2796, 0.2765



40.1115, 0.3669, 0.3285



40.1115, 0.3446, 0.3862

Rectangle

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



40.1115, 0.2611, 0.3258



40.1115, 0.2555, 0.2852



40.1115, 0.3669, 0.3285



40.1115, 0.3729, 0.3702

Sweetspot

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



40.1131, 0.2611, 0.3258



80.1871, 0.2958, 0.3281



38.7881, 0.3067, 0.4378



17.5973, 0.2938, 0.3280



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.



40.1131, 0.2611, 0.3258



69.7315, 0.2516, 0.3250



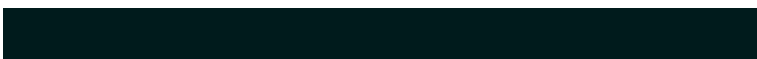
28.2131, 0.2536, 0.2732



10.1635, 0.2985, 0.3283



24.4907, 0.2222, 0.3198



0.8778, 0.2229, 0.3222

Inverse Universe

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



25.6745, 0.3191, 0.2409



40.0497, 0.3207, 0.2220



33.1723, 0.3831, 0.3787



9.1580, 0.3142, 0.3071



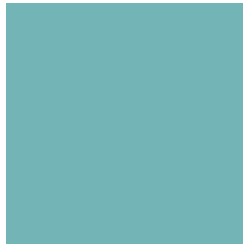
9.2547, 0.3284, 0.1583



0.3277, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 40.1115, 0.2611, 0.3258 looks on a white background.

Color Contrast Check

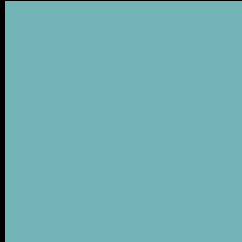
Large Text (above 18pt) WCAG AA × Fail

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 40.1115, 0.2611, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

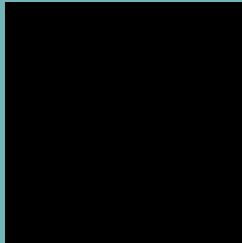
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

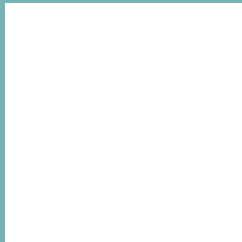
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1115, 0.2611, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 40.1115, 0.2611, 0.3258.



This preview shows how white text looks on a background with the Yxy color 40.1115, 0.2611, 0.3258.

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

40.1115, 0.2611, 0.3258

Protanopia

39.6465, 0.3086, 0.3193

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

39.9868, 0.2558, 0.3068

Trichromacy



Original Color

40.1115, 0.2611, 0.3258

Protanomaly

39.5855, 0.2890, 0.3218

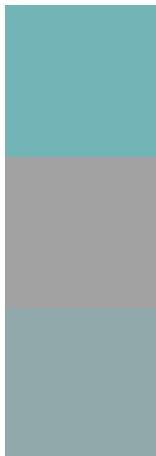
Deuteranomaly

39.6396, 0.2870, 0.3079

Tritanomaly

40.1421, 0.2578, 0.3141

Monochromacy



Original Color

40.1115, 0.2611, 0.3258

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2980, 0.2908, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1115, 0.2611, 0.3258 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(115, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 183)  
}
```

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(115, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.1115, 0.2611, 0.3258 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(115, 181, 183) }
```

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

```
.border{ border-color:rgb(115, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(115, 181,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1115, 0.2611, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 183) }
```

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

```
.background{ background-color: rgb(115,  
181, 183) }
```

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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