

Converting Colors

$Y_{xy}(40.3855, 0.2601, 0.3273)$

Have a look what the booklet for
Yxy(40.3855, 0.2601, 0.3273)
contains.

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Color

Yxy(40.3855, 0.2601, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	71B6B7
RGB	113, 182, 183
RGB Percent	44%, 71%, 72%
CMY	0.5565, 0.2863, 0.2823
CMYK	0.38, 0.01, 0.00, 0.28
HSL	181°, 33%, 58%
HSV	181°, 38%, 72%
XYZ	32.0937, 40.3855, 50.9107
YIQ	161.4830, -41.4450, -14.3170

Conversions

Conversions Part 2

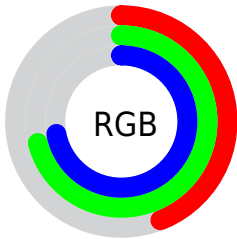
Format	Color
RYB	113, 148, 183
Decimal	7452343
CIELab	69.74, -21.41, -7.40
CIELCh	70, 22.651, 199.064
Yxy	40.3855, 0.2601, 0.3273
Android (android.graphics.Color)	4285642423 (0xFF71B6B7)
YUV	161.4830, 10.6079, -42.5196
Hunter-Lab	63.5496, -21.0660, -3.0135

Details

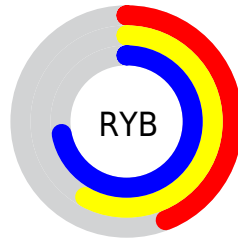
The Yxy color **40.3855, 0.2601, 0.3273** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **23.3215, 0.4048, 0.3307**, and the grayscale version is **35.8502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7059, 0.2697, 0.3277**, and **18.2420, 0.2450, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **39.1824, 0.2495, 0.3268**, and if you desaturate by 10%, it is **41.8369, 0.2722, 0.3278**.

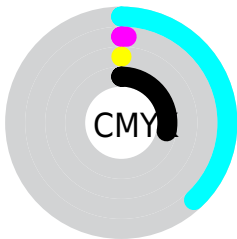
Distribution



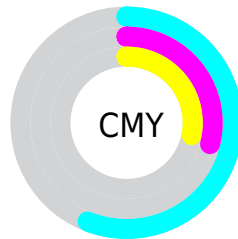
- Red (44%)
- Green (71%)
- Blue (72%)



- Red (44%)
- Yellow (58%)
- Blue (72%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)




- Cyan (56%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3855, 0.2601, 0.3273 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 40.3855, 0.2601, 0.3273 by changing the saturation by 10% instead.


 40.3855, 0.2601,
0.3273


 40.3855, 0.2601,
0.3273


347.7457, 0.2866,
0.3287

 27.8392, 0.2534,
0.3268


 75.7502, 0.2698,
0.3279

 18.2045, 0.2448,
0.3260


 99.3374, 0.2734,
0.3281

 11.0969, 0.2334,
0.3248


 127.3737, 0.2765,
0.3283

 6.1321, 0.2173,
0.3228

160.2435, 0.2791,
0.3284

 2.9255, 0.1934,
0.3188

198.3313, 0.2814,
0.3285

 1.0930, 0.1442,
0.3136

242.0213, 0.2833,

 0.0000, 0.0000,

0.3285

0.0000

291.6980, 0.2851,
0.3286

■ 40.3855, 0.2601,
0.3273

■ 40.3855, 0.2601,
0.3273

■ 39.1824, 0.2495,
0.3268

■ 41.8369, 0.2722,
0.3278

■ 38.2079, 0.2407,
0.3263

■ 43.5452, 0.2857,
0.3282

■ 37.4472, 0.2337,
0.3258


■ 45.5248, 0.3002,
0.3287

■ 36.8818, 0.2287,
0.3253


■ 47.7872, 0.3155,
0.3291

■ 36.4901, 0.2254,
0.3248


■ 50.3436, 0.3312,
0.3294


 36.2367, 0.2237,
0.3244

 53.2044, 0.3471,
0.3298

 36.1962, 0.2234,
0.3243

 56.3796, 0.3630,
0.3301

 59.0168, 0.3748,
0.3304

 59.1285, 0.3747,
0.3306

Harmonies

Analogous

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



40.3855, 0.2832, 0.3590



40.3855, 0.2601, 0.3273



40.3855, 0.2507, 0.2983

Triad

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



40.3855, 0.2601, 0.3273



40.3855, 0.3076, 0.2825



40.3855, 0.3711, 0.3771

Complementary

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



40.3855, 0.2601, 0.3273



23.3215, 0.4048, 0.3307

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.



40.3855, 0.3790, 0.3543



40.3855, 0.2601, 0.3273



40.3855, 0.3412, 0.3013

Square

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



40.3855, 0.2601, 0.3273



40.3855, 0.2769, 0.2745



40.3855, 0.3679, 0.3269



40.3855, 0.3473, 0.3883

Rectangle

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



40.3855, 0.2601, 0.3273



40.3855, 0.2530, 0.2844



40.3855, 0.3679, 0.3269



40.3855, 0.3757, 0.3705

Sweetspot

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



40.3871, 0.2601, 0.3273



80.4154, 0.2958, 0.3285



38.5831, 0.3073, 0.4434



17.6537, 0.2939, 0.3285



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.



40.3871, 0.2601, 0.3273



70.4498, 0.2510, 0.3269



28.1302, 0.2522, 0.2732



10.1874, 0.2985, 0.3286



25.2560, 0.2234, 0.3244



0.8976, 0.2238, 0.3256

Inverse Universe

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



25.2742, 0.3182, 0.2373



39.5147, 0.3194, 0.2184



32.4578, 0.3862, 0.3786



9.1604, 0.3140, 0.3068



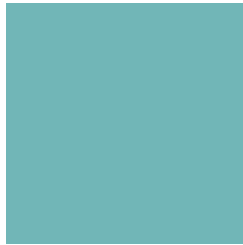
9.3319, 0.3246, 0.1562



0.3297, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 40.3855, 0.2601, 0.3273 looks on a white background.

Color Contrast Check

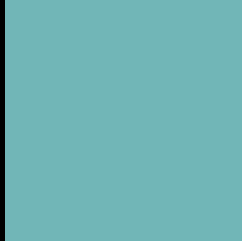
Large Text (above 18pt) WCAG AA × Fail

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 40.3855, 0.2601, 0.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

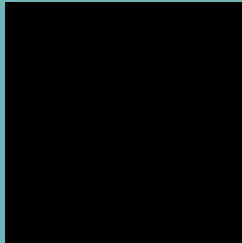
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

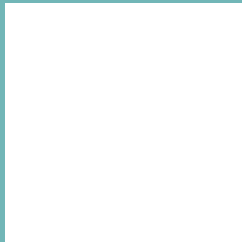
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3855, 0.2601, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 40.3855, 0.2601, 0.3273.

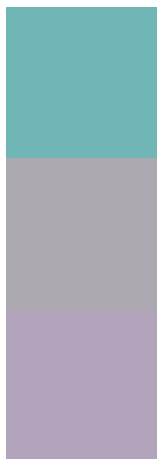


This preview shows how white text looks on a background with the Yxy color 40.3855, 0.2601, 0.3273.

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

40.3855, 0.2601, 0.3273

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

40.2957, 0.2541, 0.3069

Trichromacy



Original Color

40.3855, 0.2601, 0.3273

Protanomaly

39.9705, 0.2891, 0.3232

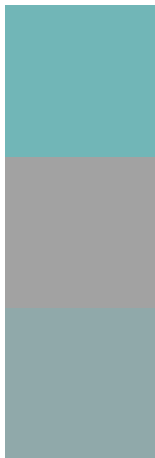
Deuteranomaly

39.5410, 0.2861, 0.3078

Tritanomaly

40.4542, 0.2562, 0.3141

Monochromacy



Original Color

40.3855, 0.2601, 0.3273

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2075, 0.2899, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3855, 0.2601, 0.3273 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(113, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(113, 182, 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(113, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 182, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.3855, 0.2601, 0.3273 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(113, 182, 183) }
```

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

```
.border{ border-color:rgb(113, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(113, 182,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3855, 0.2601, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 182, 183) }
```

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

```
.background{ background-color: rgb(113,  
182, 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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