

Converting Colors

$Y_{xy}(40.9082, 0.2672, 0.3274)$

Have a look what the booklet for
Yxy(40.9082, 0.2672, 0.3274)
contains.

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Color

Yxy(40.7102, 0.2676, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	7CB5B6
RGB	124, 181, 182
RGB Percent	49%, 71%, 71%
CMY	0.5139, 0.2901, 0.2863
CMYK	0.32, 0.01, 0.00, 0.29
HSL	181°, 28%, 60%
HSV	181°, 32%, 71%
XYZ	33.2744, 40.7102, 50.3593
YIQ	164.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

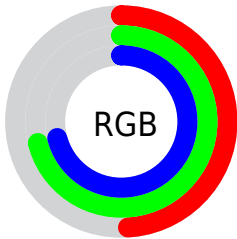
Format	Color
RYB	124, 153, 182
Decimal	8172982
CIELab	69.97, -18.18, -6.44
CIElCh	70, 19.285, 199.510
Yxy	40.7102, 0.2676, 0.3274
Android (android.graphics.Color)	4286363062 (0xFF7CB5B6)
YUV	164.0710, 8.8390, -35.1423
Hunter-Lab	63.8045, -18.5692, -2.1329

Details

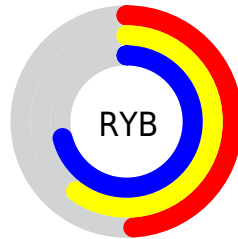
The Yxy color **40.7102, 0.2676, 0.3274** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.0522, 0.3840, 0.3306**, and the grayscale version is **37.1257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3251, 0.2762, 0.3278**, and **18.4010, 0.2549, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **39.3534, 0.2560, 0.3268**, and if you desaturate by 10%, it is **42.3207, 0.2806, 0.3279**.

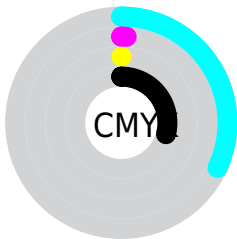
Distribution



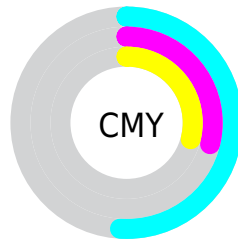
- Red (49%)
- Green (71%)
- Blue (71%)



- Red (49%)
- Yellow (60%)
- Blue (71%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)




- Cyan (51%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7102, 0.2676, 0.3274 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 40.7102, 0.2676, 0.3274 by changing the saturation by 10% instead.


 40.7102, 0.2676,
0.3274


 40.7102, 0.2676,
0.3274

349.1079, 0.2904,
0.3286

 28.0927, 0.2619,
0.3270


 76.2438, 0.2759,
0.3279

 18.3956, 0.2544,
0.3264


 99.9286, 0.2790,
0.3281

 11.2343, 0.2445,
0.3254


 128.0714, 0.2817,
0.3282

 6.2247, 0.2306,
0.3238

161.0565, 0.2839,
0.3283

 2.9822, 0.2097,
0.3207

199.2683, 0.2859,
0.3284

 1.1224, 0.1703,
0.3156

243.0912, 0.2876,

 0.0000, 0.0000,

0.3285

0.0000

292.9097, 0.2891,
0.3285

■ 40.7102, 0.2676,
0.3274

■ 40.7102, 0.2676,
0.3274

■ 39.3534, 0.2560,
0.3268

■ 42.3207, 0.2806,
0.3279

■ 38.2317, 0.2460,
0.3263

■ 44.1929, 0.2948,
0.3284

■ 37.3316, 0.2378,
0.3257

■ 46.3401, 0.3098,
0.3289

■ 36.6362, 0.2316,
0.3251

■ 48.7736, 0.3254,
0.3294

■ 36.1262, 0.2271,
0.3246

■ 51.5038, 0.3412,
0.3298

■ 35.7787, 0.2245,
0.3240

■ 54.5409, 0.3571,
0.3301

■ 35.5785, 0.2232,
0.3236

■ 57.8942, 0.3728,
0.3304

■ 58.7068, 0.3759,
0.3308

■ 58.8352, 0.3758,
0.3311

Harmonies

Analogous

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



40.7102, 0.2874, 0.3540



40.7102, 0.2676, 0.3274



40.7102, 0.2596, 0.3028

Triad

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



40.7102, 0.2676, 0.3274



40.7102, 0.3089, 0.2893



40.7102, 0.3621, 0.3704

Complementary

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



40.7102, 0.2676, 0.3274



26.0522, 0.3840, 0.3306

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.



40.7102, 0.3689, 0.3513



40.7102, 0.2676, 0.3274



40.7102, 0.3374, 0.3056

Square

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



40.7102, 0.2676, 0.3274



40.7102, 0.2826, 0.2824



40.7102, 0.3597, 0.3278



40.7102, 0.3419, 0.3792

Rectangle

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



40.7102, 0.2676, 0.3274



40.7102, 0.2617, 0.2910



40.7102, 0.3597, 0.3278



40.7102, 0.3661, 0.3649

Sweetspot

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



40.7118, 0.2676, 0.3274



80.7561, 0.2973, 0.3285



39.2164, 0.3077, 0.4200



17.7223, 0.2953, 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.



40.7118, 0.2676, 0.3274



72.0995, 0.2596, 0.3270



30.1191, 0.2622, 0.2823



10.1837, 0.2985, 0.3286



25.1357, 0.2232, 0.3236



0.8945, 0.2236, 0.3250

Inverse Universe

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



27.6861, 0.3174, 0.2523



44.9419, 0.3184, 0.2365



34.4924, 0.3712, 0.3714



9.1600, 0.3140, 0.3068



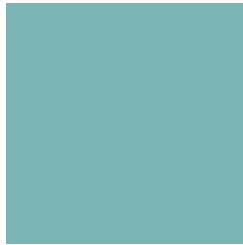
9.3198, 0.3251, 0.1565



0.3294, 0.3240, 0.1558

Previews

White Background



This preview shows how the Yxy color 40.7102, 0.2676, 0.3274 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 40.7102, 0.2676, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

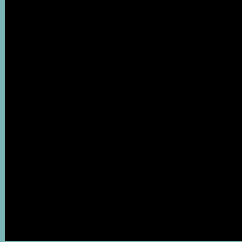
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7102, 0.2676, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 40.7102, 0.2676, 0.3274.

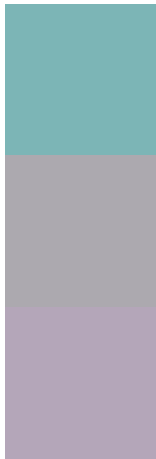


This preview shows how white text looks on a background with the Yxy color 40.7102, 0.2676, 0.3274.

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

40.7102, 0.2676, 0.3274

Protanopia

40.2417, 0.3104, 0.3208

Deuteranopia

40.4785, 0.3093, 0.3038



Tritanopia

40.6473, 0.2616, 0.3072

Trichromacy



Original Color

40.7102, 0.2676, 0.3274

Protanomaly

40.0701, 0.2932, 0.3219

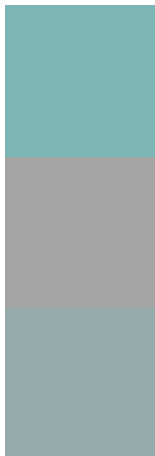
Deuteranomaly

40.0601, 0.2926, 0.3109

Tritanomaly

40.7958, 0.2636, 0.3143

Monochromacy



Original Color

40.7102, 0.2676, 0.3274

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.0793, 0.2934, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7102, 0.2676, 0.3274 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(124, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 181, 182)  
}
```

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(124, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 181, 182) }
```

Border

The CSS property to change the border of an element to Yxy 40.7102, 0.2676, 0.3274 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(124, 181, 182) }
```

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

```
.border{ border-color:rgb(124, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 181,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7102, 0.2676, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 181, 182) }
```

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

```
.background{ background-color: rgb(124,  
181, 182) }
```

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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