

Converting Colors

$Yxy(41.6206, 0.2642, 0.3266)$

Have a look what the booklet for
Yxy(41.6206, 0.2642, 0.3266)
contains.

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Color

Yxy(41.4347, 0.2641, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	79B7B9
RGB	121, 183, 185
RGB Percent	47%, 72%, 73%
CMY	0.5254, 0.2824, 0.2745
CMYK	0.35, 0.01, 0.00, 0.27
HSL	182°, 31%, 60%
HSV	182°, 35%, 73%
XYZ	33.5775, 41.4347, 52.1271
YIQ	164.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

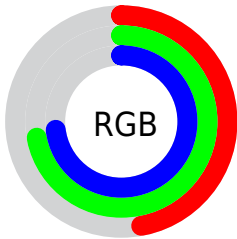
Format	Color
RYB	121, 152, 185
Decimal	7976889
CIELab	70.48, -19.30, -7.36
CIElCh	70, 20.651, 200.866
Yxy	41.4347, 0.2641, 0.3259
Android (android.graphics.Color)	4286166969 (0xFF79B7B9)
YUV	164.6900, 10.0128, -38.3161
Hunter-Lab	64.3698, -19.5354, -2.9546

Details

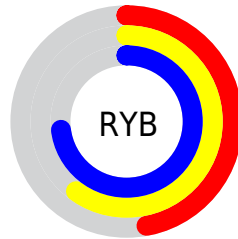
The Yxy color **41.4347, 0.2641, 0.3259** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.8669, 0.3922, 0.3321**, and the grayscale version is **37.4381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3140, 0.2731, 0.3266**, and **18.8602, 0.2501, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **39.9869, 0.2528, 0.3249**, and if you desaturate by 10%, it is **43.1431, 0.2769, 0.3269**.

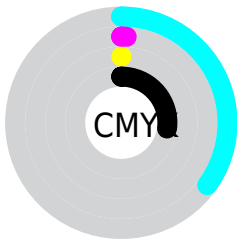
Distribution



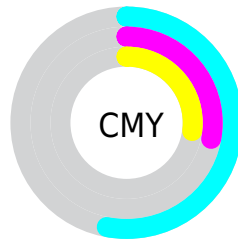
- Red (47%)
- Green (72%)
- Blue (73%)



- Red (47%)
- Yellow (60%)
- Blue (73%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4347, 0.2641, 0.3259 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 41.4347, 0.2641, 0.3259 by changing the saturation by 10% instead.


 41.4347, 0.2641,
0.3259

 41.4347, 0.2641,
0.3259


352.1342, 0.2885,
0.3279

 28.6589, 0.2580,
0.3253


 77.3433, 0.2730,
0.3267

 18.8229, 0.2501,
0.3243


 101.2450, 0.2763,
0.3270

 11.5424, 0.2396,
0.3229


 129.6240, 0.2792,
0.3272

 6.4329, 0.2249,
0.3207

162.8649, 0.2816,
0.3274

 3.1101, 0.2031,
0.3166

201.3519, 0.2837,
0.3276

 1.1895, 0.1641,
0.3091

245.4696, 0.2855,

 0.0531, 0.0000,

0.3277

0.0849

295.6022, 0.2871,
0.3278

0.0000, 0.0000,
0.0000

41.4347, 0.2641,
0.3259

41.4347, 0.2641,
0.3259

39.9869, 0.2528,
0.3249

43.1431, 0.2769,
0.3269

38.7801, 0.2431,
0.3239

45.1206, 0.2908,
0.3278

37.7997, 0.2353,
0.3228


47.3815, 0.3057,
0.3286


37.0276, 0.2293,
0.3218


49.9377, 0.3211,
0.3294


36.4427, 0.2253,
0.3207


52.8002, 0.3369,
0.3301


 36.0197, 0.2229,
0.3197

 55.9795, 0.3528,
0.3308

 35.8291, 0.2220,
0.3192

 59.4858, 0.3685,
0.3313

 60.5714, 0.3721,
0.3319

 60.8185, 0.3719,
0.3325

Harmonies

Analogous

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



41.4347, 0.2846, 0.3544



41.4347, 0.2641, 0.3259



41.4347, 0.2563, 0.3000

Triad

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



41.4347, 0.2641, 0.3259



41.4347, 0.3100, 0.2875



41.4347, 0.3646, 0.3737

Complementary

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



41.4347, 0.2641, 0.3259



25.8669, 0.3922, 0.3321

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.



41.4347, 0.3726, 0.3536



41.4347, 0.2641, 0.3259



41.4347, 0.3403, 0.3051

Square

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



41.4347, 0.2641, 0.3259



41.4347, 0.2818, 0.2796



41.4347, 0.3636, 0.3288



41.4347, 0.3425, 0.3826

Rectangle

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



41.4347, 0.2641, 0.3259



41.4347, 0.2589, 0.2878



41.4347, 0.3636, 0.3288



41.4347, 0.3691, 0.3679

Sweetspot

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



41.4363, 0.2641, 0.3259



82.5351, 0.2973, 0.3282



40.1724, 0.3072, 0.4292



17.6732, 0.2953, 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.



41.4363, 0.2641, 0.3259



72.0732, 0.2548, 0.3251



30.0079, 0.2578, 0.2776



10.1611, 0.2985, 0.3282



24.4167, 0.2220, 0.3193



0.8759, 0.2228, 0.3219

Inverse Universe

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



27.4132, 0.3188, 0.2469



43.0338, 0.3203, 0.2286



34.8323, 0.3773, 0.3752



9.1578, 0.3142, 0.3072



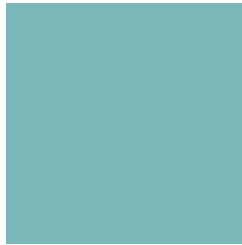
9.2472, 0.3288, 0.1585



0.3275, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 41.4347, 0.2641, 0.3259 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 41.4347, 0.2641, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

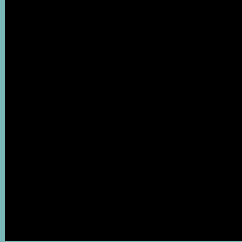
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4347, 0.2641, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 41.4347, 0.2641, 0.3259.

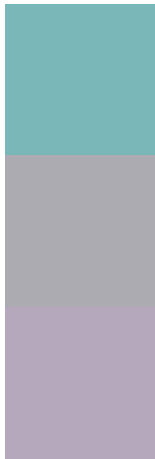


This preview shows how white text looks on a background with the Yxy color 41.4347, 0.2641, 0.3259.

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

41.4347, 0.2641, 0.3259

Protanopia

41.2244, 0.3087, 0.3195

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

41.3184, 0.2588, 0.3072

Trichromacy



Original Color

41.4347, 0.2641, 0.3259

Protanomaly

40.8662, 0.2901, 0.3205

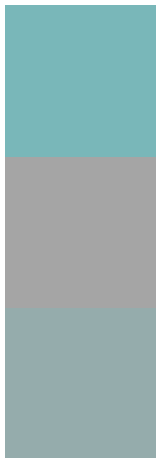
Deuteranomaly

40.8459, 0.2896, 0.3096

Tritanomaly

41.4726, 0.2608, 0.3143

Monochromacy



Original Color

41.4347, 0.2641, 0.3259

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.8732, 0.2927, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4347, 0.2641, 0.3259 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(121, 183, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 185)  
}
```

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(121, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.4347, 0.2641, 0.3259 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(121, 183, 185) }
```

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

```
.border{ border-color:rgb(121, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 183, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 183, 185); box-shadow:4px 4px 4px 4px rgb(121, 183, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4347, 0.2641, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 185) }
```

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

```
.background{ background-color: rgb(121,  
183, 185) }
```

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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