

Converting Colors

$Y_{xy}(41.2829, 0.2878, 0.3782)$

Have a look what the booklet for
Yxy(41.2829, 0.2878, 0.3782)
contains.

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Color

Yxy(41.2829, 0.2878, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	7CB999
RGB	124, 185, 153
RGB Percent	49%, 73%, 60%
CMY	0.5136, 0.2745, 0.3999
CMYK	0.33, 0.00, 0.17, 0.27
HSL	149°, 30%, 61%
HSV	149°, 33%, 73%
XYZ	31.4152, 41.2829, 36.4582
YIQ	163.1130, -26.0840, -22.8840

Conversions

Conversions Part 2

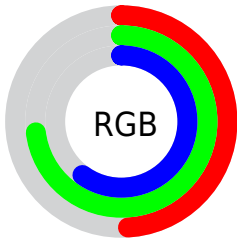
Format	Color
RYB	124, 165, 185
Decimal	8173977
CIELab	70.37, -26.60, 10.04
CIELCh	70, 28.429, 159.320
Yxy	41.2829, 0.2878, 0.3782
Android (android.graphics.Color)	4286364057 (0xFF7CB999)
YUV	163.1130, -4.9857, -34.3021
Hunter-Lab	64.2518, -25.1651, 11.3335

Details

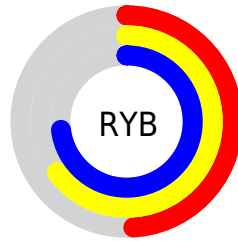
The Yxy color **41.2829, 0.2878, 0.3782** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.1370, 0.3486, 0.2848**, and the grayscale version is **36.7194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8806, 0.2928, 0.3685**, and **18.8396, 0.2795, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **39.7250, 0.2815, 0.3963**, and if you desaturate by 10%, it is **43.1289, 0.2949, 0.3615**.

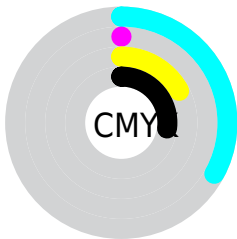
Distribution



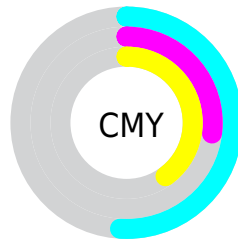
- Red (49%)
- Green (73%)
- Blue (60%)



- Red (49%)
- Yellow (65%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2829, 0.2878, 0.3782 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 41.2829, 0.2878, 0.3782 by changing the saturation by 10% instead.


 41.2829, 0.2878,
0.3782


 41.2829, 0.2878,
0.3782

351.5016, 0.3009,
0.3523


 28.5402, 0.2843,
0.3851


 77.1132, 0.2927,
0.3684

 18.7333, 0.2797,
0.3943


 100.9695, 0.2945,
0.3649

 11.4777, 0.2733,
0.4071


 129.2992, 0.2960,
0.3619

 6.3891, 0.2638,
0.4260

162.4866, 0.2973,
0.3594

 3.0831, 0.2486,
0.4568

200.9162, 0.2984,
0.3572

 1.1753, 0.2042,
0.5426

244.9723, 0.2993,

 0.0414, 0.0000,

0.3554

1.0000

295.0393, 0.3002,
0.3537

0.0000, 0.0000,
0.0000

41.2829, 0.2878,
0.3782

41.2829, 0.2878,
0.3782

39.7250, 0.2815,
0.3963

43.1289, 0.2949,
0.3615

38.4349, 0.2764,
0.4156

45.2717, 0.3025,
0.3464

37.3979, 0.2727,
0.4357

47.7262, 0.3104,
0.3327


36.5953, 0.2707,
0.4562


50.5046, 0.3183,
0.3206

36.0062, 0.2707,
0.4765


53.6184, 0.3262,
0.3099

 35.6052, 0.2726,
0.4959

 57.0786, 0.3338,
0.3005

 35.4008, 0.2747,
0.5089

 60.8957, 0.3412,
0.2923

 61.7060, 0.3346,
0.2830

 62.2685, 0.3270,
0.2738

Harmonies

Analogous

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



41.2829, 0.3285, 0.4011



41.2829, 0.2878, 0.3782



41.2829, 0.2552, 0.3396

Triad

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



41.2829, 0.2878, 0.3782



41.2829, 0.2586, 0.2622



41.2829, 0.3936, 0.3486

Complementary

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



41.2829, 0.2878, 0.3782



27.1370, 0.3486, 0.2848

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.



41.2829, 0.3725, 0.3152



41.2829, 0.2878, 0.3782



41.2829, 0.2927, 0.2673

Square

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



41.2829, 0.2878, 0.3782



41.2829, 0.2394, 0.2734



41.2829, 0.3347, 0.2863



41.2829, 0.3910, 0.3798

Rectangle

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



41.2829, 0.2878, 0.3782



41.2829, 0.2418, 0.3128



41.2829, 0.3347, 0.2863



41.2829, 0.3890, 0.3373

Sweetspot

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



41.2846, 0.2878, 0.3782



82.2547, 0.3047, 0.3424



43.2752, 0.3357, 0.4174



17.6053, 0.3036, 0.3444



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.



41.2846, 0.2878, 0.3782



71.7489, 0.2829, 0.3920



42.4014, 0.2677, 0.3319



10.1293, 0.3053, 0.3412



24.1202, 0.2741, 0.5066



0.8628, 0.2603, 0.4572

Inverse Universe

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



27.1370, 0.3486, 0.2848



42.2647, 0.3603, 0.2742



26.2445, 0.3853, 0.3263



9.0888, 0.3208, 0.3171



7.6259, 0.4829, 0.2434



0.2813, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 41.2829, 0.2878, 0.3782 looks on a white background.

Color Contrast Check

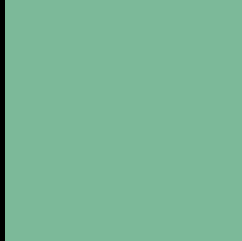
Large Text (above 18pt) WCAG AA × Fail

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 41.2829, 0.2878, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

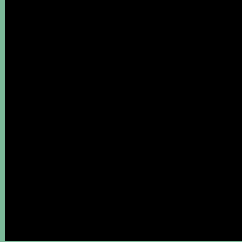
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2829, 0.2878, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 41.2829, 0.2878, 0.3782.



This preview shows how white text looks on a background with the Yxy color 41.2829, 0.2878, 0.3782.

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

41.2829, 0.2878, 0.3782

Protanopia

40.9044, 0.3428, 0.3635

Deuteranopia

40.6820, 0.3468, 0.3396



Tritanopia

41.1218, 0.2656, 0.3074

Trichromacy



Original Color

41.2829, 0.2878, 0.3782

Protanomaly

40.6942, 0.3206, 0.3681

Deuteranomaly

40.2302, 0.3226, 0.3516

Tritanomaly

41.0482, 0.2738, 0.3318

Monochromacy



Original Color

41.2829, 0.2878, 0.3782

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0186, 0.3030, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2829, 0.2878, 0.3782 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, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 153)  
}
```

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, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.2829, 0.2878, 0.3782 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, 185, 153) }
```

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

```
.border{ border-color:rgb(124, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
153) }
```


Background

The CSS property to change the background color of an element to `rgb(124, 185, 153)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 153) }
```

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

```
.background{ background-color: rgb(124,  
185, 153) }
```

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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