

Converting Colors

$Y_{xy}(41.1323, 0.2485, 0.3068)$

Have a look what the booklet for
Yxy(41.1323, 0.2485, 0.3068)
contains.

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Color

Yxy(41.1323, 0.2485, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	6CB7C6
RGB	108, 183, 198
RGB Percent	42%, 72%, 78%
CMY	0.5763, 0.2824, 0.2235
CMYK	0.45, 0.08, 0.00, 0.22
HSL	190°, 44%, 60%
HSV	190°, 45%, 78%
XYZ	33.3161, 41.1323, 59.6204
YIQ	162.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

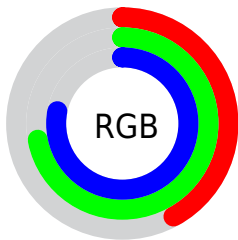
Format	Color
RYB	108, 149, 198
Decimal	7124934
CIELab	70.27, -19.31, -14.88
CIElCh	70, 24.378, 217.628
Yxy	41.1323, 0.2485, 0.3068
Android (android.graphics.Color)	4285315014 (0xFF6CB7C6)
YUV	162.2850, 17.6075, -47.6079
Hunter-Lab	64.1345, -19.5095, -10.2228

Details

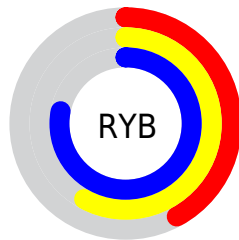
The Yxy color **41.1323, 0.2485, 0.3068** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.2748, 0.4238, 0.3493**, and the grayscale version is **36.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8455, 0.2599, 0.3110**, and **18.6827, 0.2309, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **38.6815, 0.2374, 0.3011**, and if you desaturate by 10%, it is **43.9003, 0.2610, 0.3123**.

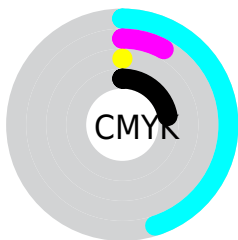
Distribution



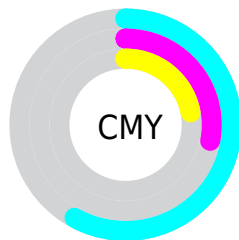
- Red (42%)
- Green (72%)
- Blue (78%)



- Red (42%)
- Yellow (58%)
- Blue (78%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (58%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1323, 0.2485, 0.3068 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 41.1323, 0.2485, 0.3068 by changing the saturation by 10% instead.

 41.1323, 0.2485,
0.3068


 41.1323, 0.2485,
0.3068


350.8733, 0.2805,
0.3188

 28.4225, 0.2406,
0.3035


 76.8847, 0.2601,
0.3114


 18.6444, 0.2305,
0.2992


 100.6960, 0.2644,
0.3130

 11.4136, 0.2172,
0.2931


 128.9767, 0.2681,
0.3144

 6.3457, 0.1990,
0.2841

 162.1110, 0.2713,
0.3156

 3.0564, 0.1727,
0.2698

200.4835, 0.2741,
0.3166

 1.1613, 0.1286,
0.2452

244.4784, 0.2765,

 0.0297, 0.0000,

0.3174

0.0269

294.4802, 0.2786,
0.3182

■ 0.0000, 0.0000,
0.0000

■ 41.1323, 0.2485,
0.3068

■ 41.1323, 0.2485,
0.3068

■ 38.6815, 0.2374,
0.3011

■ 43.9003, 0.2610,
0.3123

■ 36.5236, 0.2280,
0.2952

■ 46.9985, 0.2747,
0.3175

■ 34.6381, 0.2204,
0.2892


■ 50.4448, 0.2893,
0.3223


■ 32.9998, 0.2148,
0.2832

■ 54.2543, 0.3044,
0.3268

■ 31.5772, 0.2110,
0.2773


■ 58.4413, 0.3197,
0.3308

 30.9717, 0.2096,
0.2746

 63.0191, 0.3351,
0.3344

 68.0004, 0.3503,
0.3377

 71.1589, 0.3561,
0.3409

 72.8029, 0.3554,
0.3442

Harmonies

Analogous

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



41.1323, 0.2644, 0.3403



41.1323, 0.2485, 0.3068



41.1323, 0.2486, 0.2822

Triad

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



41.1323, 0.2485, 0.3068



41.1323, 0.3297, 0.2907



41.1323, 0.3609, 0.3898

Complementary

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



41.1323, 0.2485, 0.3068



27.2748, 0.4238, 0.3493

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.



41.1323, 0.3807, 0.3720



41.1323, 0.2485, 0.3068



41.1323, 0.3625, 0.3157

Square

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



41.1323, 0.2485, 0.3068



41.1323, 0.2938, 0.2748



41.1323, 0.3815, 0.3448



41.1323, 0.3287, 0.3909

Rectangle

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



41.1323, 0.2485, 0.3068



41.1323, 0.2577, 0.2733



41.1323, 0.3815, 0.3448



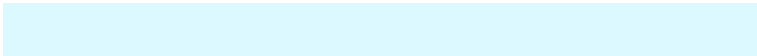
41.1323, 0.3693, 0.3854

Sweetspot

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



41.1339, 0.2485, 0.3068



90.1020, 0.2911, 0.3229



45.0189, 0.2971, 0.4464



18.9842, 0.2879, 0.3219



0.0000, 0.0000, 0.0000



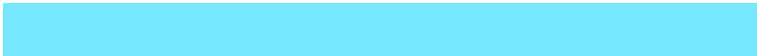
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1339, 0.2485, 0.3068



68.3254, 0.2370, 0.3008



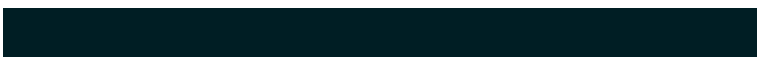
25.4561, 0.2360, 0.2358



11.7544, 0.2984, 0.3250



20.2454, 0.2098, 0.2754



1.0409, 0.2133, 0.2877

Inverse Universe

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



26.1614, 0.3344, 0.2351



39.2669, 0.3408, 0.2164



41.1074, 0.3956, 0.4064



10.7850, 0.3163, 0.3100



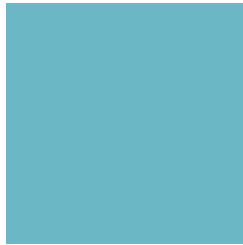
9.5838, 0.3677, 0.1799



0.4621, 0.3564, 0.1737

Previews

White Background



This preview shows how the Yxy color 41.1323, 0.2485, 0.3068 looks on a white background.

Color Contrast Check

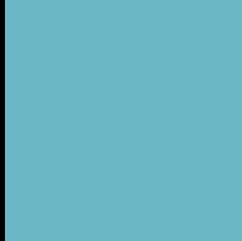
Large Text (above 18pt) WCAG AA × Fail

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 41.1323, 0.2485, 0.3068 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 41.1323, 0.2485, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 41.1323, 0.2485, 0.3068.



This preview shows how white text looks on a background with the Yxy color 41.1323, 0.2485, 0.3068.

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

41.1323, 0.2485, 0.3068

Protanopia

40.8586, 0.2964, 0.3033

Deuteranopia

40.7387, 0.2903, 0.2844



Tritanopia

41.1323, 0.2485, 0.3068

Trichromacy



Original Color

41.1323, 0.2485, 0.3068

Protanomaly

40.6688, 0.2766, 0.3050

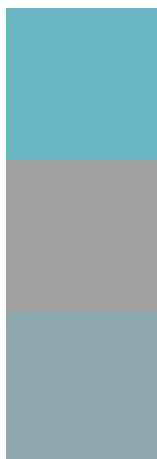
Deuteranomaly

40.4468, 0.2723, 0.2917

Tritanomaly

41.1323, 0.2485, 0.3068

Monochromacy



Original Color

41.1323, 0.2485, 0.3068

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.5954, 0.2845, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1323, 0.2485, 0.3068 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(108, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 183, 198)  
}
```

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(108, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 183, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.1323, 0.2485, 0.3068 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(108, 183, 198) }
```

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

```
.border{ border-color:rgb(108, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 183,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1323, 0.2485, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 183, 198) }
```

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

```
.background{ background-color: rgb(108,  
183, 198) }
```

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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