

Converting Colors

$Yxy(41.0905, 0.2385, 0.3231)$

Have a look what the booklet for
Yxy(41.0905, 0.2385, 0.3231)
contains.

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Color

Yxy(41.3058, 0.2390, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	4DBCBF
RGB	77, 188, 191
RGB Percent	30%, 74%, 75%
CMY	0.6978, 0.2628, 0.2510
CMYK	0.60, 0.02, 0.00, 0.25
HSL	182°, 47%, 53%
HSV	182°, 60%, 75%
XYZ	30.4506, 41.3058, 55.6520
YIQ	155.1530, -67.1190, -22.5990

Conversions

Conversions Part 2

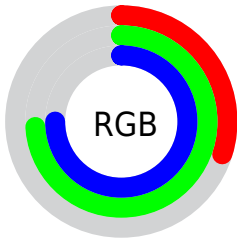
Format	Color
RYB	77, 133, 191
Decimal	5094591
CIELab	70.39, -30.24, -10.96
CIElCh	70, 32.166, 199.922
Yxy	41.3058, 0.2390, 0.3242
Android (android.graphics.Color)	4283284671 (0xFF4DBCBF)
YUV	155.1530, 17.6726, -68.5402
Hunter-Lab	64.2696, -27.8994, -6.3514

Details

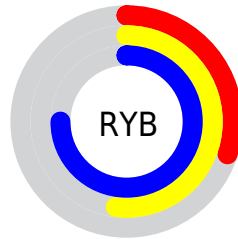
The Yxy color **41.3058, 0.2390, 0.3242** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **17.3583, 0.4934, 0.3333**, and the grayscale version is **32.8004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3386, 0.2523, 0.3265**, and **18.8852, 0.2223, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **40.4114, 0.2322, 0.3233**, and if you desaturate by 10%, it is **42.4374, 0.2477, 0.3251**.

Distribution



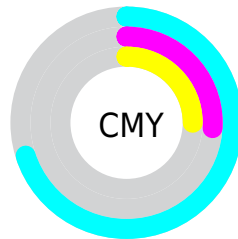
- Red (30%)
- Green (74%)
- Blue (75%)



- Red (30%)
- Yellow (52%)
- Blue (75%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)





- Cyan (70%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3058, 0.2390, 0.3242 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 41.3058, 0.2390, 0.3242 by changing the saturation by 10% instead.


 41.3058, 0.2390,
0.3242


 41.3058, 0.2390,
0.3242


351.5971, 0.2757,
0.3276


 28.5581, 0.2300,
0.3230


 77.1479, 0.2523,
0.3257

 18.7468, 0.2184,
0.3213


 101.0111, 0.2573,
0.3262

 11.4875, 0.2033,
0.3187


 129.3482, 0.2615,
0.3265

 6.3957, 0.1827,
0.3143

 162.5437, 0.2651,
0.3269

 3.0872, 0.1531,
0.3063

200.9820, 0.2683,
0.3271

 1.1774, 0.0892,
0.2957

245.0473, 0.2711,

 0.0431, 0.0000,

0.3273

0.0504

295.1242, 0.2735,
0.3275

■ 0.0000, 0.0000,
0.0000

■ 41.3058, 0.2390,
0.3242

■ 41.3058, 0.2390,
0.3242

■ 40.4114, 0.2322,
0.3233

■ 42.4374, 0.2477,
0.3251

■ 39.7283, 0.2273,
0.3224

■ 43.8199, 0.2582,
0.3259

■ 39.2333, 0.2242,
0.3216

■ 45.4717, 0.2702,
0.3268

■ 38.8795, 0.2225,
0.3207

■ 47.4079, 0.2836,
0.3276

■ 38.8677, 0.2224,
0.3207

■ 49.6426, 0.2980,
0.3283

■ 52.1890, 0.3133,
0.3290

■ 55.0595, 0.3290,
0.3297

■ 58.2657, 0.3449,
0.3302

■ 61.8189, 0.3607,
0.3308

Harmonies

Analogous

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



41.3058, 0.2698, 0.3706



41.3058, 0.2390, 0.3242



41.3058, 0.2272, 0.2838

Triad

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



41.3058, 0.2390, 0.3242



41.3058, 0.3062, 0.2659



41.3058, 0.3936, 0.3959

Complementary

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



41.3058, 0.2390, 0.3242



17.3583, 0.4934, 0.3333

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.



41.3058, 0.4064, 0.3635



41.3058, 0.2390, 0.3242



41.3058, 0.3539, 0.2914

Square

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



41.3058, 0.2390, 0.3242



41.3058, 0.2637, 0.2543



41.3058, 0.3917, 0.3260



41.3058, 0.3591, 0.4132

Rectangle

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



41.3058, 0.2390, 0.3242



41.3058, 0.2308, 0.2657



41.3058, 0.3917, 0.3260



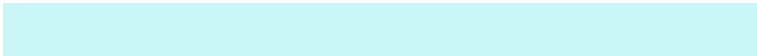
41.3058, 0.4007, 0.3862

Sweetspot

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



41.3074, 0.2390, 0.3242



85.4306, 0.2855, 0.3277



39.4022, 0.3029, 0.5165



18.5187, 0.2814, 0.3275



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.3074, 0.2390, 0.3242



71.9164, 0.2303, 0.3230



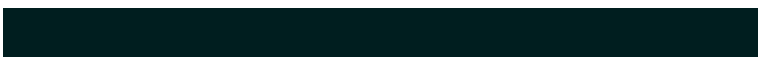
21.8800, 0.2182, 0.2302



10.7654, 0.2985, 0.3284



25.5657, 0.2225, 0.3208



1.0151, 0.2230, 0.3229

Inverse Universe

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



20.0233, 0.3227, 0.1945



30.5771, 0.3247, 0.1750



29.2002, 0.4402, 0.4066



9.6918, 0.3142, 0.3070



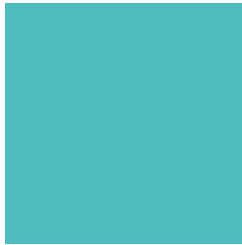
9.6106, 0.3275, 0.1578



0.3778, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 41.3058, 0.2390, 0.3242 looks on a white background.

Color Contrast Check

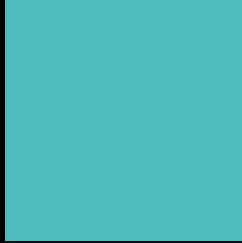
Large Text (above 18pt) WCAG AA × Fail

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 41.3058, 0.2390, 0.3242 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 41.3058, 0.2390, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 41.3058, 0.2390, 0.3242.

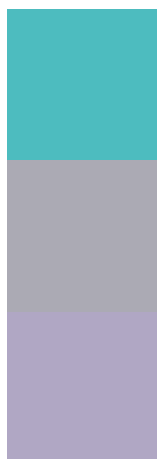


This preview shows how white text looks on a background with the Yxy color 41.3058, 0.2390, 0.3242.

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

41.3058, 0.2390, 0.3242

Protanopia

40.7027, 0.3053, 0.3154

Deuteranopia

40.8531, 0.2968, 0.2909



Tritanopia

41.1287, 0.2353, 0.3064

Trichromacy



Original Color

41.3058, 0.2390, 0.3242

Protanomaly

40.2233, 0.2749, 0.3187

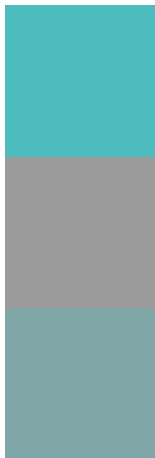
Deuteranomaly

40.1304, 0.2700, 0.3019

Tritanomaly

41.2773, 0.2368, 0.3137

Monochromacy



Original Color

41.3058, 0.2390, 0.3242

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.9766, 0.2774, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3058, 0.2390, 0.3242 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(77, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(77, 188, 191)  
}
```

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(77, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 188, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.3058, 0.2390, 0.3242 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(77, 188, 191) }
```

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

```
.border{ border-color:rgb(77, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(77, 188,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3058, 0.2390, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 188, 191) }
```

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

```
.background{ background-color: rgb(77, 188,  
191) }
```

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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