

Converting Colors

$Yxy(38.8653, 0.2419, 0.3344)$

Have a look what the booklet for
Yxy(38.8653, 0.2419, 0.3344)
contains.

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Color

Yxy(39.0321, 0.2422, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	4AB8B4
RGB	74, 184, 180
RGB Percent	29%, 72%, 71%
CMY	0.7093, 0.2785, 0.2940
CMYK	0.60, 0.00, 0.02, 0.28
HSL	178°, 44%, 51%
HSV	178°, 60%, 72%
XYZ	28.2112, 39.0321, 49.2357
YIQ	150.6540, -64.2760, -24.5640

Conversions

Conversions Part 2

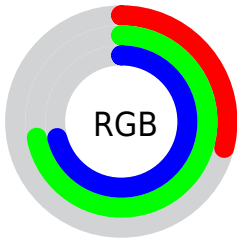
Format	Color
RYB	74, 130, 184
Decimal	4896948
CIELab	68.77, -31.88, -7.35
CIElCh	69, 32.716, 192.978
Yxy	39.0321, 0.2422, 0.3351
Android (android.graphics.Color)	4283087028 (0xFF4AB8B4)
YUV	150.6540, 14.4676, -67.2256
Hunter-Lab	62.4757, -28.7299, -2.9921

Details

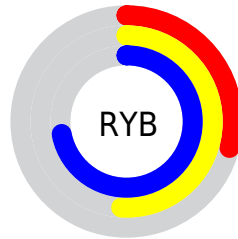
The Yxy color **39.0321, 0.2422, 0.3351** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **15.6556, 0.4890, 0.3244**, and the grayscale version is **30.7648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4446, 0.2550, 0.3336**, and **17.4976, 0.2266, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **38.3785, 0.2359, 0.3363**, and if you desaturate by 10%, it is **39.9024, 0.2503, 0.3339**.

Distribution



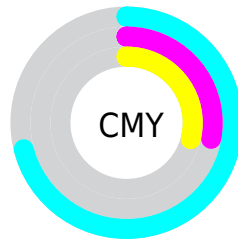
- Red (29%)
- Green (72%)
- Blue (71%)



- Red (29%)
- Yellow (51%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)





- Cyan (71%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0321, 0.2422, 0.3351 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 39.0321, 0.2422, 0.3351 by changing the saturation by 10% instead.


 39.0321, 0.2422,
0.3351


 39.0321, 0.2422,
0.3351


342.0269, 0.2778,
0.3327


 26.7847, 0.2333,
0.3354

 73.6874, 0.2552,
0.3344

 17.4116, 0.2218,
0.3357


 96.8640, 0.2600,
0.3341


 10.5284, 0.2065,
0.3358


 124.4525, 0.2642,
0.3338

 5.7507, 0.1854,
0.3352

 156.8373, 0.2677,
0.3336

 2.6941, 0.1544,
0.3329

 194.4027, 0.2707,
0.3333

 0.9742, 0.0513,
0.3446

237.5332, 0.2734,

 0.0000, 0.0000,

0.3331

0.0000

286.6132, 0.2757,
0.3329

■ 39.0321, 0.2422,
0.3351

■ 39.0321, 0.2422,
0.3351

■ 38.3785, 0.2359,
0.3363

■ 39.9024, 0.2503,
0.3339

■ 37.9181, 0.2315,
0.3375

■ 41.0019, 0.2603,
0.3328

■ 37.6296, 0.2290,
0.3386

■ 42.3473, 0.2717,
0.3318

■ 37.4686, 0.2278,
0.3398

■ 43.9525, 0.2846,
0.3308

■ 37.4644, 0.2277,
0.3398

■ 45.8303, 0.2985,
0.3298

■ 47.9928, 0.3132,
0.3290

■ 50.4513, 0.3283,
0.3282

■ 53.2164, 0.3437,
0.3275

■ 56.2984, 0.3591,
0.3269

Harmonies

Analogous

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



39.0321, 0.2779, 0.3824



39.0321, 0.2422, 0.3351



39.0321, 0.2253, 0.2905

Triad

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



39.0321, 0.2422, 0.3351



39.0321, 0.2948, 0.2596



39.0321, 0.4019, 0.3913

Complementary

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



39.0321, 0.2422, 0.3351



15.6556, 0.4890, 0.3244

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.



39.0321, 0.4088, 0.3556



39.0321, 0.2422, 0.3351



39.0321, 0.3442, 0.2830

Square

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



39.0321, 0.2422, 0.3351



39.0321, 0.2537, 0.2514



39.0321, 0.3873, 0.3170



39.0321, 0.3703, 0.4141

Rectangle

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



39.0321, 0.2422, 0.3351



39.0321, 0.2257, 0.2690



39.0321, 0.3873, 0.3170



39.0321, 0.4073, 0.3802

Sweetspot

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



39.0336, 0.2422, 0.3351



80.1352, 0.2865, 0.3306



36.4619, 0.3071, 0.5171



17.0788, 0.2826, 0.3309



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.



39.0336, 0.2422, 0.3351



69.2506, 0.2342, 0.3367



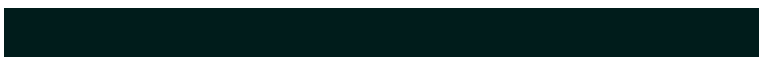
22.1247, 0.2213, 0.2438



10.2049, 0.2990, 0.3298



25.8258, 0.2277, 0.3397



0.9122, 0.2269, 0.3366

Inverse Universe

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



15.6556, 0.4890, 0.3244



22.9867, 0.5518, 0.3247



24.9922, 0.4470, 0.3968



9.0173, 0.3282, 0.3282



7.0354, 0.6354, 0.3274



0.2498, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 39.0321, 0.2422, 0.3351 looks on a white background.

Color Contrast Check

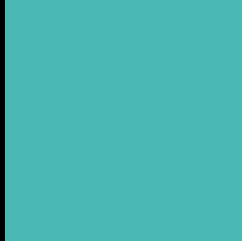
Large Text (above 18pt) WCAG AA × Fail

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 39.0321, 0.2422, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

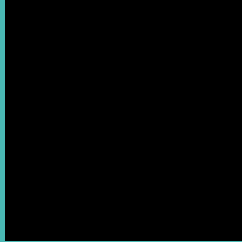
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

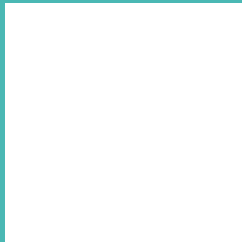
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0321, 0.2422, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 39.0321, 0.2422, 0.3351.

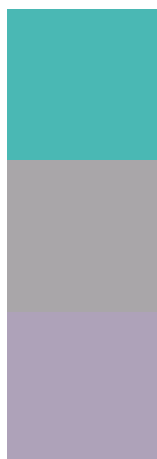


This preview shows how white text looks on a background with the Yxy color 39.0321, 0.2422, 0.3351.

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

39.0321, 0.2422, 0.3351

Protanopia

38.5720, 0.3129, 0.3248

Deuteranopia

38.3421, 0.3040, 0.2979



Tritanopia

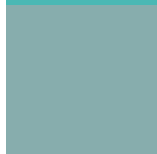
39.1907, 0.2360, 0.3074

Trichromacy



Original Color

39.0321, 0.2422, 0.3351



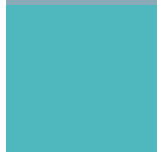
Protanomaly

38.0552, 0.2807, 0.3289



Deuteranomaly

37.5716, 0.2755, 0.3098



Tritanomaly

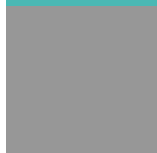
39.2469, 0.2386, 0.3180

Monochromacy



Original Color

39.0321, 0.2422, 0.3351



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

33.0140, 0.2782, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0321, 0.2422, 0.3351 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(74, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(74, 184, 180)  
}
```

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(74, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 184, 180) }
```

Border

The CSS property to change the border of an element to Yxy 39.0321, 0.2422, 0.3351 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(74, 184, 180) }
```

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

```
.border{ border-color:rgb(74, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(74, 184,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0321, 0.2422, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 184, 180) }
```

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

```
.background{ background-color: rgb(74, 184,  
180) }
```

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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