

Converting Colors

$Yxy(37.3047, 0.2485, 0.3524)$

Have a look what the booklet for
Yxy(37.3047, 0.2485, 0.3524)
contains.

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Color

Yxy(37.2936, 0.2484, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	4AB5A7
RGB	74, 181, 167
RGB Percent	29%, 71%, 65%
CMY	0.7095, 0.2902, 0.3452
CMYK	0.59, 0.00, 0.08, 0.29
HSL	172°, 42%, 50%
HSV	172°, 59%, 71%
XYZ	26.3249, 37.2936, 42.3593
YIQ	147.4110, -59.2780, -27.0380

Conversions

Conversions Part 2

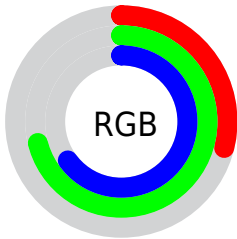
Format	Color
RYB	74, 131, 181
Decimal	4896167
CIELab	67.50, -33.98, -2.04
CIELCh	67, 34.040, 183.440
Yxy	37.2936, 0.2484, 0.3519
Android (android.graphics.Color)	4283086247 (0xFF4AB5A7)
YUV	147.4110, 9.6574, -64.3814
Hunter-Lab	61.0685, -29.9236, 1.6222

Details

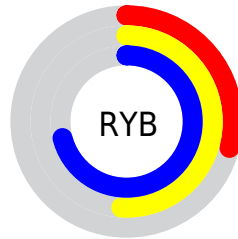
The Yxy color **37.2936, 0.2484, 0.3519** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **15.4362, 0.4682, 0.3105**, and the grayscale version is **29.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8288, 0.2606, 0.3473**, and **16.4165, 0.2326, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **36.5894, 0.2426, 0.3564**, and if you desaturate by 10%, it is **38.2090, 0.2560, 0.3475**.

Distribution



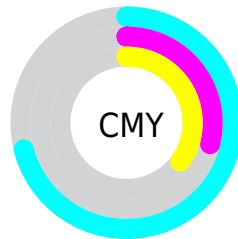
- Red (29%)
- Green (71%)
- Blue (65%)



- Red (29%)
- Yellow (51%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2936, 0.2484, 0.3519 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 37.2936, 0.2484, 0.3519 by changing the saturation by 10% instead.


 37.2936, 0.2484,
0.3519

 37.2936, 0.2484,
0.3519


334.5799, 0.2814,
0.3404


 25.4349, 0.2399,
0.3548


 71.0241, 0.2606,
0.3477


 16.4014, 0.2289,
0.3585


 93.6647, 0.2651,
0.3461


 9.8086, 0.2141,
0.3634


 120.6681, 0.2689,
0.3448

 5.2722, 0.1931,
0.3701

 152.4186, 0.2721,
0.3437

 2.4079, 0.1614,
0.3797

 189.3006, 0.2749,
0.3427

 0.8299, 0.0000,
0.4418

231.6986, 0.2773,

 0.0000, 0.0000,

0.3418

0.0000

279.9969, 0.2795,
0.3410

■ 37.2936, 0.2484,
0.3519

■ 37.2936, 0.2484,
0.3519

■ 36.5894, 0.2426,
0.3564

■ 38.2090, 0.2560,
0.3475

■ 36.0738, 0.2388,
0.3610

■ 39.3474, 0.2652,
0.3432

■ 35.7267, 0.2368,
0.3655

■ 40.7248, 0.2759,
0.3392

■ 35.5090, 0.2363,
0.3701

■ 42.3544, 0.2878,
0.3354

■ 35.4908, 0.2362,
0.3705

■ 44.2486, 0.3006,
0.3319

■ 46.4188, 0.3140,
0.3287

■ 48.8760, 0.3277,
0.3258

■ 51.6302, 0.3416,
0.3233

■ 54.6914, 0.3554,
0.3210

Harmonies

Analogous

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



37.2936, 0.2907, 0.3988



37.2936, 0.2484, 0.3519



37.2936, 0.2240, 0.3017

Triad

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



37.2936, 0.2484, 0.3519



37.2936, 0.2784, 0.2515



37.2936, 0.4123, 0.3831

Complementary

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



37.2936, 0.2484, 0.3519



15.4362, 0.4682, 0.3105

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.



37.2936, 0.4102, 0.3436



37.2936, 0.2484, 0.3519



37.2936, 0.3291, 0.2714

Square

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



37.2936, 0.2484, 0.3519



37.2936, 0.2403, 0.2486



37.2936, 0.3788, 0.3040



37.2936, 0.3861, 0.4132

Rectangle

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



37.2936, 0.2484, 0.3519



37.2936, 0.2198, 0.2752



37.2936, 0.3788, 0.3040



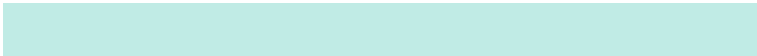
37.2936, 0.4151, 0.3705

Sweetspot

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



37.2950, 0.2484, 0.3519



76.1036, 0.2888, 0.3351



35.6332, 0.3132, 0.5115



16.2549, 0.2852, 0.3362



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.2950, 0.2484, 0.3519



65.2100, 0.2412, 0.3578



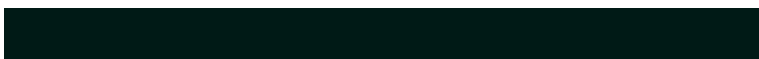
24.0784, 0.2258, 0.2613



9.6120, 0.3003, 0.3320



24.4743, 0.2361, 0.3699



0.7754, 0.2326, 0.3573

Inverse Universe

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



15.4362, 0.4682, 0.3105



22.4685, 0.5248, 0.3100



22.1908, 0.4537, 0.3838



8.5228, 0.3267, 0.3260



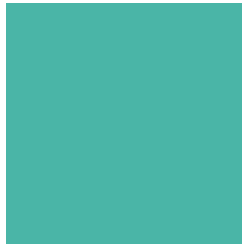
6.8230, 0.6207, 0.3193



0.2204, 0.5622, 0.2870

Previews

White Background



This preview shows how the Yxy color 37.2936, 0.2484, 0.3519 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 37.2936, 0.2484, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

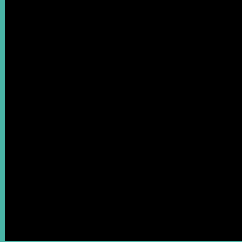
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2936, 0.2484, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 37.2936, 0.2484, 0.3519.

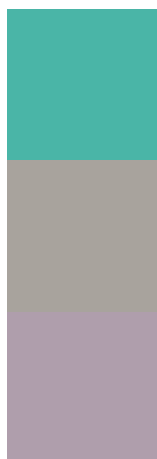


This preview shows how white text looks on a background with the Yxy color 37.2936, 0.2484, 0.3519.

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

37.2936, 0.2484, 0.3519

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

36.5462, 0.3165, 0.3097



Tritanopia

37.1349, 0.2377, 0.3055

Trichromacy



Original Color

37.2936, 0.2484, 0.3519

Protanomaly

36.3910, 0.2886, 0.3428

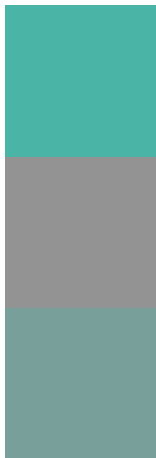
Deuteranomaly

35.5780, 0.2847, 0.3229

Tritanomaly

36.9652, 0.2411, 0.3208

Monochromacy



Original Color

37.2936, 0.2484, 0.3519

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

31.1224, 0.2814, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2936, 0.2484, 0.3519 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, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 167)  
}
```

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, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.2936, 0.2484, 0.3519 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, 181, 167) }
```

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

```
.border{ border-color:rgb(74, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2936, 0.2484, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 167) }
```

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

```
.background{ background-color: rgb(74, 181,  
167) }
```

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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