

Converting Colors

$Yxy(39.2316, 0.2627, 0.3397)$

Have a look what the booklet for
Yxy(39.2316, 0.2627, 0.3397)
contains.

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Color

Yxy(39.2919, 0.2624, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	6CB5AE
RGB	108, 181, 174
RGB Percent	42%, 71%, 68%
CMY	0.5763, 0.2902, 0.3177
CMYK	0.40, 0.00, 0.04, 0.29
HSL	174°, 33%, 57%
HSV	174°, 40%, 71%
XYZ	30.3509, 39.2919, 46.0237
YIQ	158.3750, -41.2610, -17.6530

Conversions

Conversions Part 2

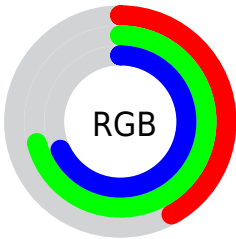
Format	Color
R _Y B	108, 146, 181
Decimal	7124398
CIE Lab	68.96, -24.46, -3.61
CIE LCh	69, 24.727, 188.395
Yxy	39.2919, 0.2624, 0.3397
Android (android.graphics.Color)	4285314478 (0xFF6CB5AE)
YUV	158.3750, 7.7031, -44.1789
Hunter-Lab	62.6833, -23.2670, 0.3460

Details

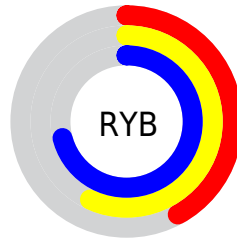
The Yxy color **39.2919, 0.2624, 0.3397** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.7963, 0.4029, 0.3191**, and the grayscale version is **34.3541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0120, 0.2721, 0.3382**, and **17.6278, 0.2475, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **38.2061, 0.2531, 0.3428**, and if you desaturate by 10%, it is **40.6173, 0.2733, 0.3368**.

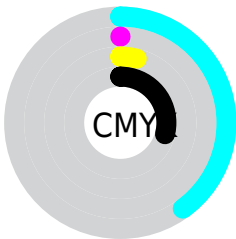
Distribution



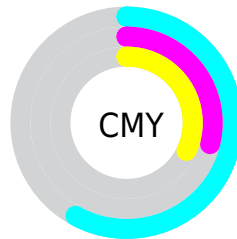
- Red (42%)
- Green (71%)
- Blue (68%)



- Red (42%)
- Yellow (57%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (58%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2919, 0.2624, 0.3397 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 39.2919, 0.2624, 0.3397 by changing the saturation by 10% instead.


 39.2919, 0.2624,
0.3397


 39.2919, 0.2624,
0.3397


343.1299, 0.2880,
0.3345

 26.9869, 0.2559,
0.3409


 74.0840, 0.2718,
0.3379

 17.5634, 0.2474,
0.3425


 97.3399, 0.2753,
0.3372

 10.6370, 0.2361,
0.3444

 125.0149, 0.2783,
0.3366

 5.8233, 0.2200,
0.3470

 157.4934, 0.2808,
0.3360

 2.7379, 0.1957,
0.3503

195.1597, 0.2830,
0.3356

 0.9965, 0.1270,
0.3658

238.3983, 0.2849,

 0.0000, 0.0000,

0.3352

0.0000

287.5936, 0.2865,
0.3348

■ 39.2919, 0.2624,
0.3397

■ 39.2919, 0.2624,
0.3397

■ 38.2061, 0.2531,
0.3428

■ 40.6173, 0.2733,
0.3368

■ 37.3405, 0.2454,
0.3460

■ 42.1911, 0.2854,
0.3340

■ 36.6804, 0.2397,
0.3492


■ 44.0272, 0.2985,
0.3314


■ 36.2071, 0.2358,
0.3525


■ 46.1373, 0.3123,
0.3291


■ 35.8988, 0.2337,
0.3558


■ 48.5321, 0.3265,
0.3269

 35.7135, 0.2330,
0.3589

 51.2221, 0.3409,
0.3250

 54.2170, 0.3553,
0.3234

 57.5261, 0.3695,
0.3219

 58.0089, 0.3699,
0.3201

Harmonies

Analogous

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



39.2919, 0.2919, 0.3730



39.2919, 0.2624, 0.3397



39.2919, 0.2465, 0.3053

Triad

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



39.2919, 0.2624, 0.3397



39.2919, 0.2941, 0.2735



39.2919, 0.3824, 0.3738

Complementary

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



39.2919, 0.2624, 0.3397



21.7963, 0.4029, 0.3191

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.



39.2919, 0.3838, 0.3460



39.2919, 0.2624, 0.3397



39.2919, 0.3311, 0.2902

Square

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



39.2919, 0.2624, 0.3397



39.2919, 0.2639, 0.2696



39.2919, 0.3647, 0.3160



39.2919, 0.3615, 0.3918

Rectangle

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



39.2919, 0.2624, 0.3397



39.2919, 0.2450, 0.2872



39.2919, 0.3647, 0.3160



39.2919, 0.3852, 0.3652

Sweetspot

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



39.2935, 0.2624, 0.3397



78.1942, 0.2959, 0.3319



37.7984, 0.3127, 0.4486



16.8068, 0.2942, 0.3322



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.



39.2935, 0.2624, 0.3397



68.6950, 0.2544, 0.3423



28.9235, 0.2508, 0.2819



9.6172, 0.2998, 0.3312



24.6263, 0.2329, 0.3585



0.7789, 0.2304, 0.3494

Inverse Universe

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



21.7963, 0.4029, 0.3191



33.1994, 0.4330, 0.3172



28.8622, 0.3954, 0.3712



8.5181, 0.3272, 0.3268



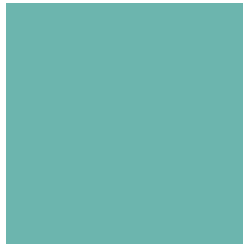
6.8059, 0.6271, 0.3228



0.2185, 0.5805, 0.2971

Previews

White Background



This preview shows how the Yxy color 39.2919, 0.2624, 0.3397 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 39.2919, 0.2624, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

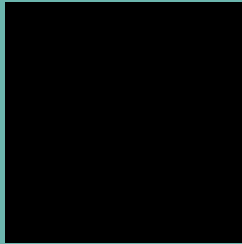
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2919, 0.2624, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 39.2919, 0.2624, 0.3397.

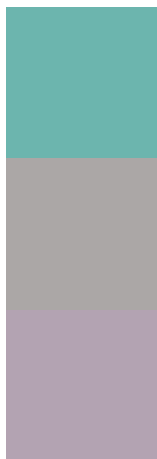


This preview shows how white text looks on a background with the Yxy color 39.2919, 0.2624, 0.3397.

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

39.2919, 0.2624, 0.3397

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

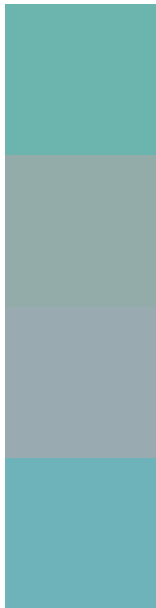
38.9924, 0.3146, 0.3088



Tritanopia

39.2018, 0.2530, 0.3066

Trichromacy



Original Color

39.2919, 0.2624, 0.3397

Protanomaly

38.6655, 0.2942, 0.3333

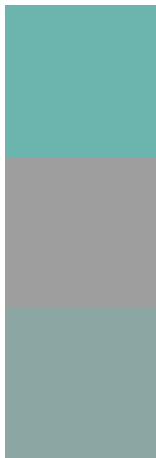
Deuteranomaly

38.6961, 0.2921, 0.3189

Tritanomaly

39.1649, 0.2563, 0.3183

Monochromacy



Original Color

39.2919, 0.2624, 0.3397

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.5282, 0.2911, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2919, 0.2624, 0.3397 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, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 174)  
}
```

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, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.2919, 0.2624, 0.3397 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, 181, 174) }
```

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

```
.border{ border-color:rgb(108, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2919, 0.2624, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 174) }
```

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

```
.background{ background-color: rgb(108,  
181, 174) }
```

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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