

Converting Colors

$Y_{xy}(39.1375, 0.2705, 0.3375)$

Have a look what the booklet for
Yxy(39.1375, 0.2705, 0.3375)
contains.

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Color

Yxy(39.2504, 0.2705, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	78B3AD
RGB	120, 179, 173
RGB Percent	47%, 70%, 68%
CMY	0.5293, 0.2980, 0.3215
CMYK	0.33, 0.00, 0.03, 0.30
HSL	174°, 28%, 59%
HSV	174°, 33%, 70%
XYZ	31.4119, 39.2504, 45.4631
YIQ	160.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

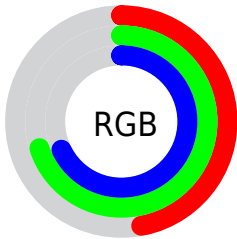
Format	Color
RYB	120, 151, 179
Decimal	7910317
CIELab	68.93, -20.40, -3.05
CIELCh	69, 20.623, 188.504
Yxy	39.2504, 0.2705, 0.3380
Android (android.graphics.Color)	4286100397 (0xFF78B3AD)
YUV	160.6750, 6.0762, -35.6720
Hunter-Lab	62.6501, -20.1403, 0.8303

Details

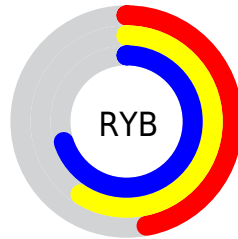
The Yxy color **39.2504, 0.2705, 0.3380** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.5285, 0.3798, 0.3204**, and the grayscale version is **35.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0168, 0.2785, 0.3370**, and **17.5311, 0.2577, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **38.0194, 0.2601, 0.3412**, and if you desaturate by 10%, it is **40.7247, 0.2822, 0.3350**.

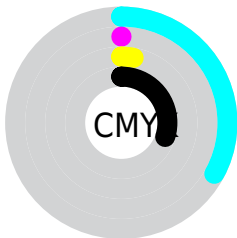
Distribution



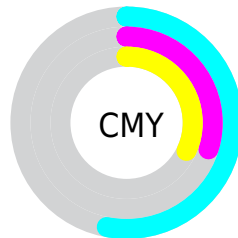
- Red (47%)
- Green (70%)
- Blue (68%)



- Red (47%)
- Yellow (59%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)




- Cyan (53%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2504, 0.2705, 0.3380 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 39.2504, 0.2705, 0.3380 by changing the saturation by 10% instead.


 39.2504, 0.2705,
0.3380


 39.2504, 0.2705,
0.3380


342.9539, 0.2920,
0.3336


 26.9546, 0.2650,
0.3391


 74.0207, 0.2784,
0.3364

 17.5391, 0.2578,
0.3404


 97.2639, 0.2814,
0.3358

 10.6196, 0.2482,
0.3421


 124.9251, 0.2839,
0.3353

 5.8117, 0.2345,
0.3444

157.3887, 0.2860,
0.3349

 2.7309, 0.2135,
0.3476

195.0389, 0.2878,
0.3345

 0.9929, 0.1600,
0.3594

238.2603, 0.2894,

 0.0000, 0.0000,

0.3342

0.0000

287.4371, 0.2908,
0.3339

■ 39.2504, 0.2705,
0.3380

■ 39.2504, 0.2705,
0.3380

■ 38.0194, 0.2601,
0.3412

■ 40.7247, 0.2822,
0.3350

■ 37.0137, 0.2512,
0.3445

■ 42.4500, 0.2950,
0.3323

■ 36.2201, 0.2441,
0.3479


■ 44.4393, 0.3086,
0.3297

■ 35.6224, 0.2389,
0.3513


■ 46.7034, 0.3227,
0.3274

■ 35.2015, 0.2355,
0.3548


■ 49.2524, 0.3370,
0.3253


 34.9352, 0.2339,
0.3582

 52.0961, 0.3513,
0.3235

 34.8071, 0.2335,
0.3606

 55.2435, 0.3655,
0.3219

 57.1106, 0.3723,
0.3202

 57.1892, 0.3706,
0.3183

Harmonies

Analogous

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



39.2504, 0.2954, 0.3653



39.2504, 0.2705, 0.3380



39.2504, 0.2569, 0.3095

Triad

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



39.2504, 0.2705, 0.3380



39.2504, 0.2974, 0.2822



39.2504, 0.3708, 0.3670

Complementary

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



39.2504, 0.2705, 0.3380



24.5285, 0.3798, 0.3204

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.



39.2504, 0.3719, 0.3438



39.2504, 0.2705, 0.3380



39.2504, 0.3283, 0.2964

Square

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



39.2504, 0.2705, 0.3380



39.2504, 0.2718, 0.2790



39.2504, 0.3561, 0.3184



39.2504, 0.3536, 0.3815

Rectangle

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



39.2504, 0.2705, 0.3380



39.2504, 0.2557, 0.2942



39.2504, 0.3561, 0.3184



39.2504, 0.3732, 0.3599

Sweetspot

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



39.2520, 0.2705, 0.3380



76.9702, 0.2988, 0.3315



38.1008, 0.3139, 0.4234



16.9474, 0.2969, 0.3319



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.



39.2520, 0.2705, 0.3380



68.5582, 0.2623, 0.3404



31.1578, 0.2622, 0.2934



9.6164, 0.2999, 0.3313



24.6024, 0.2334, 0.3602



0.7783, 0.2307, 0.3506

Inverse Universe

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



24.5285, 0.3798, 0.3204



37.8547, 0.4034, 0.3184



30.4742, 0.3770, 0.3619



8.5188, 0.3272, 0.3267



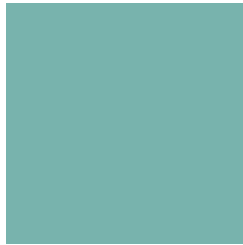
6.8083, 0.6262, 0.3223



0.2188, 0.5775, 0.2955

Previews

White Background



This preview shows how the Yxy color 39.2504, 0.2705, 0.3380 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 39.2504, 0.2705, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

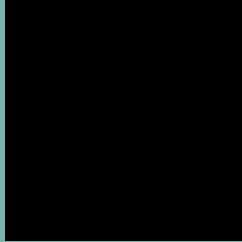
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2504, 0.2705, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 39.2504, 0.2705, 0.3380.

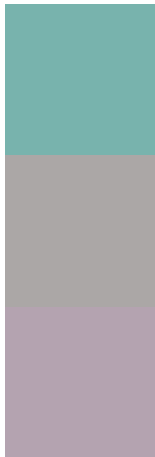


This preview shows how white text looks on a background with the Yxy color 39.2504, 0.2705, 0.3380.

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

39.2504, 0.2705, 0.3380

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

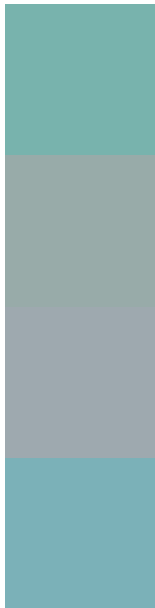
39.0323, 0.3173, 0.3115



Tritanopia

39.0973, 0.2609, 0.3068

Trichromacy



Original Color

39.2504, 0.2705, 0.3380

Protanomaly

38.6658, 0.2976, 0.3319

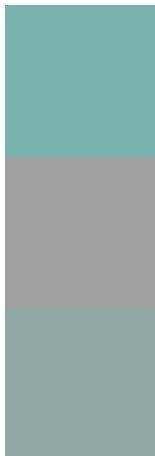
Deuteranomaly

38.7402, 0.2980, 0.3204

Tritanomaly

39.1159, 0.2649, 0.3184

Monochromacy



Original Color

39.2504, 0.2705, 0.3380

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8329, 0.2955, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2504, 0.2705, 0.3380 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(120, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(120, 179, 173)  
}
```

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(120, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.2504, 0.2705, 0.3380 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(120, 179, 173) }
```

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

```
.border{ border-color:rgb(120, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(120, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2504, 0.2705, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 179, 173) }
```

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

```
.background{ background-color: rgb(120,  
179, 173) }
```

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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