

Converting Colors

$Yxy(39.5603, 0.2732, 0.3346)$

Have a look what the booklet for
Yxy(39.5603, 0.2732, 0.3346)
contains.

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Color

Yxy(39.7710, 0.2734, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	7EB3AF
RGB	126, 179, 175
RGB Percent	49%, 70%, 69%
CMY	0.5056, 0.2981, 0.3138
CMYK	0.30, 0.00, 0.02, 0.30
HSL	175°, 26%, 60%
HSV	175°, 30%, 70%
XYZ	32.4676, 39.7710, 46.5163
YIQ	162.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

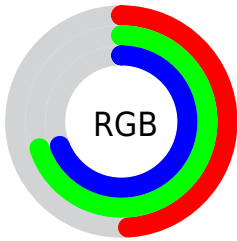
Format	Color
RYB	126, 154, 179
Decimal	8303535
CIELab	69.31, -18.18, -3.55
CIElCh	69, 18.521, 191.052
Yxy	39.7710, 0.2734, 0.3349
Android (android.graphics.Color)	4286493615 (0xFF7EB3AF)
YUV	162.6970, 6.0654, -32.1833
Hunter-Lab	63.0643, -18.4647, 0.4126

Details

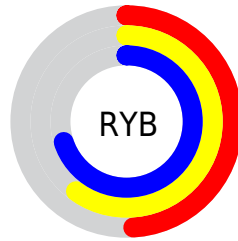
The Yxy color **39.7710, 0.2734, 0.3349** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.1337, 0.3723, 0.3233**, and the grayscale version is **36.4632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8331, 0.2809, 0.3346**, and **17.8076, 0.2610, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **38.4777, 0.2623, 0.3372**, and if you desaturate by 10%, it is **41.3116, 0.2858, 0.3328**.

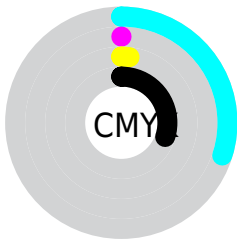
Distribution



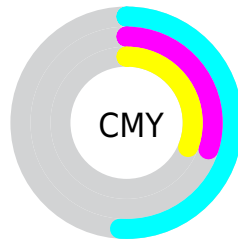
- Red (49%)
- Green (70%)
- Blue (69%)



- Red (49%)
- Yellow (60%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7710, 0.2734, 0.3349 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 39.7710, 0.2734, 0.3349 by changing the saturation by 10% instead.


 39.7710, 0.2734,
0.3349


 39.7710, 0.2734,
0.3349


345.1574, 0.2934,
0.3321

 27.3600, 0.2683,
0.3355


 74.8147, 0.2808,
0.3339

 17.8438, 0.2617,
0.3364


 98.2162, 0.2835,
0.3335

 10.8379, 0.2527,
0.3374


 126.0500, 0.2858,
0.3332

 5.9579, 0.2401,
0.3386

158.7005, 0.2878,
0.3329

 2.8195, 0.2208,
0.3402

196.5521, 0.2895,
0.3327

 1.0383, 0.1783,
0.3457

239.9892, 0.2909,

 0.0000, 0.0000,

0.3325

0.0000

289.3962, 0.2923,
0.3323

■ 39.7710, 0.2734,
0.3349

■ 39.7710, 0.2734,
0.3349

■ 38.4777, 0.2623,
0.3372

■ 41.3116, 0.2858,
0.3328

■ 37.4138, 0.2526,
0.3396

■ 43.1065, 0.2992,
0.3308

■ 36.5668, 0.2447,
0.3421

■ 45.1688, 0.3133,
0.3289

■ 35.9209, 0.2387,
0.3446

■ 47.5089, 0.3279,
0.3273

■ 35.4582, 0.2345,
0.3471

■ 50.1368, 0.3426,
0.3258

■ 35.1577, 0.2322,
0.3497

■ 53.0620, 0.3573,
0.3245

■ 34.9778, 0.2312,
0.3522

■ 56.2935, 0.3718,
0.3234

■ 34.9707, 0.2312,
0.3523

■ 57.0353, 0.3738,
0.3220

■ 57.0931, 0.3726,
0.3206

Harmonies

Analogous

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



39.7710, 0.2951, 0.3595



39.7710, 0.2734, 0.3349



39.7710, 0.2621, 0.3098

Triad

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



39.7710, 0.2734, 0.3349



39.7710, 0.3014, 0.2876



39.7710, 0.3639, 0.3647

Complementary

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



39.7710, 0.2734, 0.3349



26.1337, 0.3723, 0.3233

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.



39.7710, 0.3661, 0.3444



39.7710, 0.2734, 0.3349



39.7710, 0.3291, 0.3011

Square

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



39.7710, 0.2734, 0.3349



39.7710, 0.2777, 0.2839



39.7710, 0.3532, 0.3215



39.7710, 0.3476, 0.3765

Rectangle

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



39.7710, 0.2734, 0.3349



39.7710, 0.2617, 0.2965



39.7710, 0.3532, 0.3215



39.7710, 0.3664, 0.3586

Sweetspot

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



39.7726, 0.2734, 0.3349



77.3543, 0.2998, 0.3307



38.5288, 0.3124, 0.4127



17.0280, 0.2978, 0.3310



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.



39.7726, 0.2734, 0.3349



69.7904, 0.2665, 0.3363



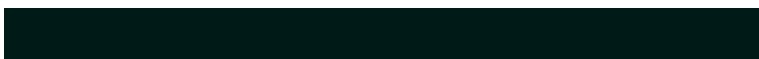
31.7877, 0.2670, 0.2948



9.6202, 0.2996, 0.3307



24.7182, 0.2311, 0.3520



0.7810, 0.2292, 0.3449

Inverse Universe

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



26.1337, 0.3723, 0.3233



41.6771, 0.3897, 0.3222



32.3071, 0.3682, 0.3608



8.5154, 0.3276, 0.3273



6.7978, 0.6301, 0.3245



0.2173, 0.5919, 0.3034

Previews

White Background



This preview shows how the Yxy color 39.7710, 0.2734, 0.3349 looks on a white background.

Color Contrast Check

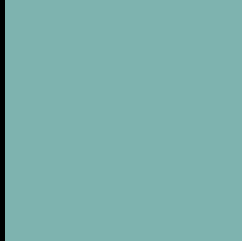
Large Text (above 18pt) WCAG AA × Fail

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 39.7710, 0.2734, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

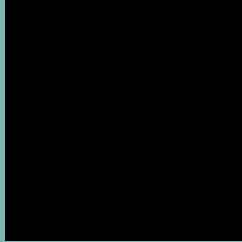
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7710, 0.2734, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 39.7710, 0.2734, 0.3349.

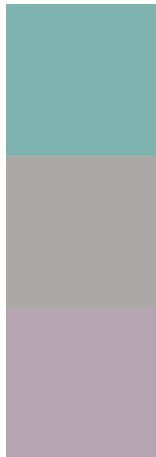


This preview shows how white text looks on a background with the Yxy color 39.7710, 0.2734, 0.3349.

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

39.7710, 0.2734, 0.3349

Protanopia

39.4903, 0.3155, 0.3290

Deuteranopia

39.5890, 0.3164, 0.3103



Tritanopia

39.9517, 0.2652, 0.3086

Trichromacy



Original Color

39.7710, 0.2734, 0.3349

Protanomaly

39.4139, 0.2986, 0.3304

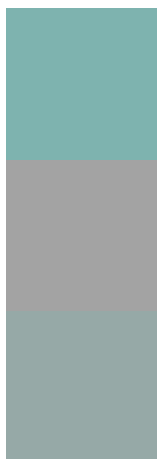
Deuteranomaly

39.1273, 0.2990, 0.3177

Tritanomaly

40.0107, 0.2686, 0.3186

Monochromacy



Original Color

39.7710, 0.2734, 0.3349

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.6500, 0.2974, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7710, 0.2734, 0.3349 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(126, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(126, 179, 175)  
}
```

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(126, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 179, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.7710, 0.2734, 0.3349 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(126, 179, 175) }
```

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

```
.border{ border-color:rgb(126, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(126, 179,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7710, 0.2734, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 179, 175) }
```

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

```
.background{ background-color: rgb(126,  
179, 175) }
```

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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