

Converting Colors

$Y_{xy}(39.6738, 0.2736, 0.3367)$

Have a look what the booklet for
Yxy(39.6738, 0.2736, 0.3367)
contains.

Yxy(39.6562, 0.2733, 0.3364)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6562, 0.2733, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	7DB3AE
RGB	125, 179, 174
RGB Percent	49%, 70%, 68%
CMY	0.5098, 0.2980, 0.3176
CMYK	0.30, 0.00, 0.03, 0.30
HSL	174°, 26%, 60%
HSV	174°, 30%, 70%
XYZ	32.2177, 39.6562, 46.0102
YIQ	162.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

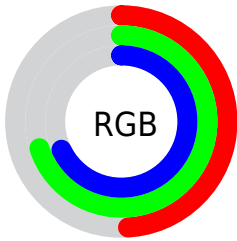
Format	Color
RYB	125, 153, 179
Decimal	8237998
CIELab	69.22, -18.72, -3.14
CIElCh	69, 18.984, 189.532
Yxy	39.6562, 0.2733, 0.3364
Android (android.graphics.Color)	4286428078 (0xFF7DB3AE)
YUV	162.2840, 5.7760, -32.6981
Hunter-Lab	62.9732, -18.8806, 0.7621

Details

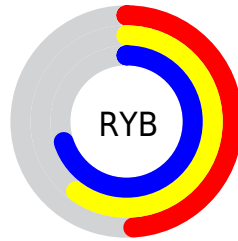
The Yxy color **39.6562, 0.2733, 0.3364** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.8601, 0.3728, 0.3219**, and the grayscale version is **36.2548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6575, 0.2808, 0.3358**, and **17.7433, 0.2610, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **38.3659, 0.2624, 0.3392**, and if you desaturate by 10%, it is **41.1933, 0.2855, 0.3338**.

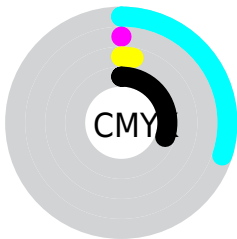
Distribution



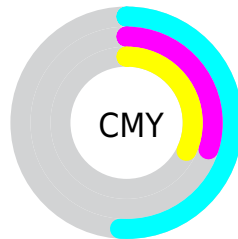
- Red (49%)
- Green (70%)
- Blue (68%)



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



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





- Cyan (51%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6562, 0.2733, 0.3364 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 39.6562, 0.2733, 0.3364 by changing the saturation by 10% instead.

 39.6562, 0.2733,
0.3364

 39.6562, 0.2733,
0.3364

344.6724, 0.2934,
0.3328


 27.2706, 0.2682,
0.3373


 74.6397, 0.2807,
0.3351

 17.7765, 0.2615,
0.3383


 98.0064, 0.2834,
0.3346

 10.7897, 0.2525,
0.3397


 125.8022, 0.2857,
0.3342

 5.9256, 0.2398,
0.3415

158.4116, 0.2877,
0.3339

 2.7999, 0.2203,
0.3440

196.2189, 0.2894,
0.3335

 1.0282, 0.1757,
0.3519

239.6085, 0.2909,

 0.0000, 0.0000,

0.3333

0.0000

288.9649, 0.2922,
0.3330

■ 39.6562, 0.2733,
0.3364

■ 39.6562, 0.2733,
0.3364

■ 38.3659, 0.2624,
0.3392

■ 41.1933, 0.2855,
0.3338

■ 37.3045, 0.2530,
0.3422

■ 42.9844, 0.2986,
0.3313

■ 36.4593, 0.2453,
0.3452


■ 45.0425, 0.3125,
0.3290

■ 35.8145, 0.2395,
0.3483

■ 47.3780, 0.3268,
0.3270

■ 35.3521, 0.2356,
0.3515

■ 50.0011, 0.3412,
0.3252


 35.0507, 0.2334,
0.3546

 52.9212, 0.3557,
0.3236

 34.8677, 0.2327,
0.3576

 56.1474, 0.3699,
0.3222

 57.0997, 0.3725,
0.3206

 57.1709, 0.3710,
0.3188

Harmonies

Analogous

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



39.6562, 0.2960, 0.3614



39.6562, 0.2733, 0.3364



39.6562, 0.2612, 0.3104

Triad

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



39.6562, 0.2733, 0.3364



39.6562, 0.2997, 0.2861



39.6562, 0.3657, 0.3647

Complementary

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



39.6562, 0.2733, 0.3364



25.8601, 0.3728, 0.3219

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.



39.6562, 0.3672, 0.3436



39.6562, 0.2733, 0.3364



39.6562, 0.3281, 0.2995

Square

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



39.6562, 0.2733, 0.3364



39.6562, 0.2758, 0.2829



39.6562, 0.3532, 0.3201



39.6562, 0.3496, 0.3774

Rectangle

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



39.6562, 0.2733, 0.3364



39.6562, 0.2603, 0.2965



39.6562, 0.3532, 0.3201



39.6562, 0.3680, 0.3583

Sweetspot

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



39.6578, 0.2733, 0.3364



77.3348, 0.3000, 0.3311



38.4991, 0.3132, 0.4145



17.0230, 0.2980, 0.3314



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.



39.6578, 0.2733, 0.3364



69.4855, 0.2661, 0.3382



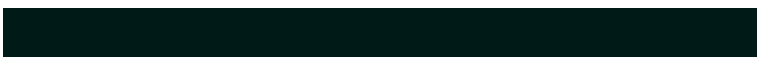
31.8631, 0.2662, 0.2954



9.6178, 0.2998, 0.3311



24.6431, 0.2326, 0.3573



0.7793, 0.2302, 0.3486

Inverse Universe

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



25.8601, 0.3728, 0.3219



40.9128, 0.3914, 0.3204



31.8066, 0.3700, 0.3603



8.5176, 0.3273, 0.3269



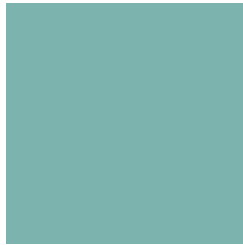
6.8043, 0.6277, 0.3231



0.2182, 0.5825, 0.2983

Previews

White Background



This preview shows how the Yxy color 39.6562, 0.2733, 0.3364 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 39.6562, 0.2733, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

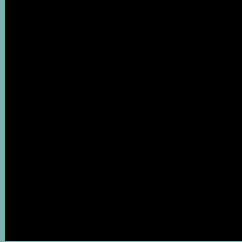
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

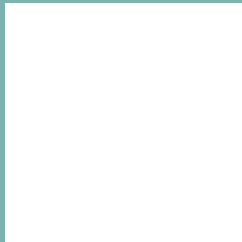
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6562, 0.2733, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 39.6562, 0.2733, 0.3364.

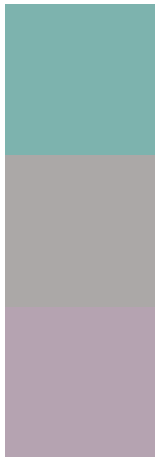


This preview shows how white text looks on a background with the Yxy color 39.6562, 0.2733, 0.3364.

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

39.6562, 0.2733, 0.3364

Protanopia

39.4532, 0.3163, 0.3304

Deuteranopia

39.1925, 0.3173, 0.3102



Tritanopia

39.4794, 0.2643, 0.3070

Trichromacy



Original Color

39.6562, 0.2733, 0.3364

Protanomaly

39.2774, 0.2985, 0.3318

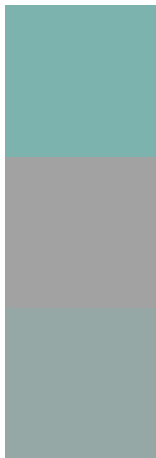
Deuteranomaly

39.0876, 0.2998, 0.3191

Tritanomaly

39.5363, 0.2677, 0.3171

Monochromacy



Original Color

39.6562, 0.2733, 0.3364

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1480, 0.2974, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6562, 0.2733, 0.3364 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(125, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 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(125, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.6562, 0.2733, 0.3364 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(125, 179, 174) }
```

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

```
.border{ border-color:rgb(125, 179, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 179, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6562, 0.2733, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 174) }
```

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

```
.background{ background-color: rgb(125,  
179, 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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