

Converting Colors

$Yxy(39.6630, 0.2701, 0.3458)$

Have a look what the booklet for
Yxy(39.6630, 0.2701, 0.3458)
contains.

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Color

Yxy(39.6630, 0.2701, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	74B5AA
RGB	116, 181, 170
RGB Percent	45%, 71%, 67%
CMY	0.5452, 0.2902, 0.3333
CMYK	0.36, 0.00, 0.06, 0.29
HSL	170°, 31%, 58%
HSV	170°, 36%, 71%
XYZ	30.9803, 39.6630, 44.0560
YIQ	160.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

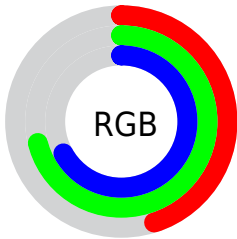
Format	Color
RYB	116, 152, 181
Decimal	7648682
CIELab	69.23, -23.26, -0.98
CIELCh	69, 23.286, 182.412
Yxy	39.6630, 0.2701, 0.3458
Android (android.graphics.Color)	4285838762 (0xFF74B5AA)
YUV	160.3110, 4.7767, -38.8607
Hunter-Lab	62.9786, -22.4052, 2.6093

Details

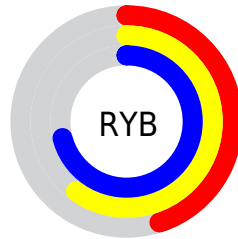
The Yxy color **39.6630, 0.2701, 0.3458** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.8425, 0.3827, 0.3133**, and the grayscale version is **35.2934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5507, 0.2780, 0.3429**, and **17.8031, 0.2570, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **38.4284, 0.2607, 0.3513**, and if you desaturate by 10%, it is **41.1452, 0.2808, 0.3406**.

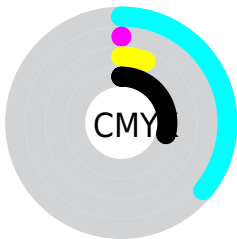
Distribution



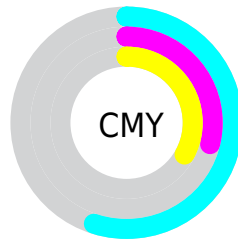
- Red (45%)
- Green (71%)
- Blue (67%)



- Red (45%)
- Yellow (60%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)





- Cyan (55%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6630, 0.2701, 0.3458 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 39.6630, 0.2701, 0.3458 by changing the saturation by 10% instead.


 39.6630, 0.2701,
0.3458


 39.6630, 0.2701,
0.3458


344.7011, 0.2919,
0.3373


 27.2759, 0.2645,
0.3480


 74.6501, 0.2781,
0.3427

 17.7805, 0.2573,
0.3507


 98.0188, 0.2811,
0.3415

 10.7925, 0.2475,
0.3545


 125.8169, 0.2836,
0.3405

 5.9275, 0.2336,
0.3598

158.4287, 0.2857,
0.3397

 2.8010, 0.2122,
0.3677

196.2386, 0.2876,
0.3390

 1.0288, 0.1533,
0.3912

239.6311, 0.2892,

 0.0000, 0.0000,

0.3383

0.0000

288.9904, 0.2906,
0.3378

■ 39.6630, 0.2701,
0.3458

■ 39.6630, 0.2701,
0.3458

■ 38.4284, 0.2607,
0.3513

■ 41.1452, 0.2808,
0.3406

■ 37.4224, 0.2529,
0.3570

■ 42.8831, 0.2926,
0.3358

■ 36.6311, 0.2468,
0.3629


■ 44.8904, 0.3051,
0.3314

■ 36.0369, 0.2426,
0.3689


■ 47.1784, 0.3181,
0.3274

■ 35.6196, 0.2403,
0.3749

■ 49.7577, 0.3313,
0.3238

 35.3531, 0.2398,
0.3809

 52.6383, 0.3445,
0.3206

 35.2649, 0.2398,
0.3834

 55.8300, 0.3577,
0.3178

 58.2280, 0.3656,
0.3151

 58.3675, 0.3629,
0.3119

Harmonies

Analogous

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



39.6630, 0.2998, 0.3752



39.6630, 0.2701, 0.3458



39.6630, 0.2521, 0.3129

Triad

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



39.6630, 0.2701, 0.3458



39.6630, 0.2888, 0.2749



39.6630, 0.3800, 0.3666

Complementary

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



39.6630, 0.2701, 0.3458



23.8425, 0.3827, 0.3133

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.



39.6630, 0.3773, 0.3395



39.6630, 0.2701, 0.3458



39.6630, 0.3231, 0.2885

Square

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



39.6630, 0.2701, 0.3458



39.6630, 0.2625, 0.2740



39.6630, 0.3560, 0.3115



39.6630, 0.3638, 0.3858

Rectangle

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



39.6630, 0.2701, 0.3458



39.6630, 0.2486, 0.2944



39.6630, 0.3560, 0.3115



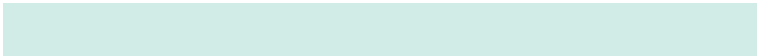
39.6630, 0.3813, 0.3580

Sweetspot

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



39.6646, 0.2701, 0.3458



78.4395, 0.2984, 0.3337



38.8925, 0.3175, 0.4323



16.8517, 0.2968, 0.3343



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.



39.6646, 0.2701, 0.3458



69.2711, 0.2626, 0.3500



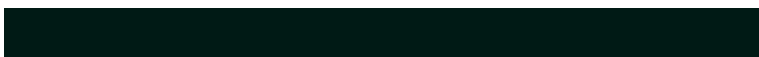
32.3338, 0.2586, 0.2967



9.6064, 0.3008, 0.3329



24.3179, 0.2396, 0.3826



0.7717, 0.2350, 0.3660

Inverse Universe

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



23.8425, 0.3827, 0.3133



36.7950, 0.4058, 0.3099



28.8549, 0.3868, 0.3589



8.5280, 0.3261, 0.3252



6.8464, 0.6123, 0.3147



0.2225, 0.5440, 0.2770

Previews

White Background



This preview shows how the Yxy color 39.6630, 0.2701, 0.3458 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 39.6630, 0.2701, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

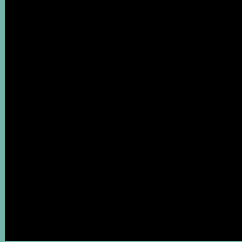
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6630, 0.2701, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 39.6630, 0.2701, 0.3458.



This preview shows how white text looks on a background with the Yxy color 39.6630, 0.2701, 0.3458.

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

39.6630, 0.2701, 0.3458

Protanopia

39.4981, 0.3225, 0.3374

Deuteranopia

39.1955, 0.3209, 0.3143



Tritanopia

39.7115, 0.2587, 0.3083

Trichromacy



Original Color

39.6630, 0.2701, 0.3458

Protanomaly

39.2792, 0.3008, 0.3406

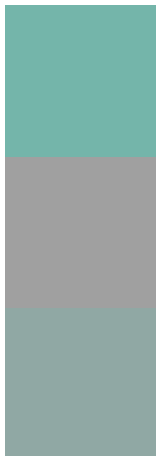
Deuteranomaly

39.0357, 0.2996, 0.3247

Tritanomaly

39.6228, 0.2626, 0.3214

Monochromacy



Original Color

39.6630, 0.2701, 0.3458

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.6149, 0.2946, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6630, 0.2701, 0.3458 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(116, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(116, 181, 170)  
}
```

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(116, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 181, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.6630, 0.2701, 0.3458 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(116, 181, 170) }
```

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

```
.border{ border-color:rgb(116, 181, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 181, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(116, 181,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6630, 0.2701, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 181, 170) }
```

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

```
.background{ background-color: rgb(116,  
181, 170) }
```

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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