

Converting Colors

$Yxy(24.0068, 0.2396, 0.3812)$

Have a look what the booklet for
Yxy(24.0068, 0.2396, 0.3812)
contains.

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Color

Yxy(24.0081, 0.2395, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	03987F
RGB	3, 152, 127
RGB Percent	1%, 60%, 50%
CMY	0.9900, 0.4039, 0.5020
CMYK	0.98, 0.00, 0.16, 0.40
HSL	170°, 97%, 30%
HSV	170°, 98%, 60%
XYZ	15.0917, 24.0081, 23.9136
YIQ	104.5990, -80.7790, -39.3630

Conversions

Conversions Part 2

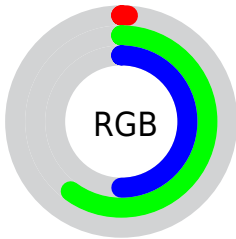
Format	Color
R_{YB}	3, 84, 152
Decimal	235647
CIE _{Lab}	56.10, -40.01, 3.64
CIE _{LCh}	56, 40.172, 174.808
Yxy	24.0081, 0.2395, 0.3810
Android (android.graphics.Color)	4278425727 (0xFF03987F)
YUV	104.5990, 11.0437, -89.1023
Hunter-Lab	48.9981, -30.7675, 5.3621

Details

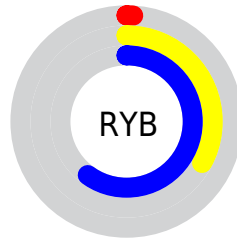
The Yxy color **24.0081, 0.2395, 0.3810** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **6.8139, 0.6078, 0.3141**, and the grayscale version is **13.9626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9956, 0.2550, 0.3688**, and **9.6644, 0.2436, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **23.9814, 0.2394, 0.3820**, and if you desaturate by 10%, it is **24.1860, 0.2400, 0.3752**.

Distribution



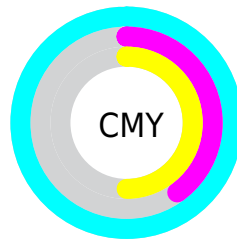
- Red (1%)
- Green (60%)
- Blue (50%)



- Red (1%)
- Yellow (33%)
- Blue (60%)



- Cyan (98%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)




- Cyan (99%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0081, 0.2395, 0.3810 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 24.0081, 0.2395, 0.3810 by changing the saturation by 10% instead.


 24.0081, 0.2395,
0.3810


 24.0081, 0.2395,
0.3810


272.8614, 0.2801,
0.3517


 15.3396, 0.2279,
0.3896


 50.0434, 0.2553,
0.3694

 9.0581, 0.2119,
0.4017


 68.1791, 0.2609,
0.3654


 4.7791, 0.1889,
0.4196

 90.2392, 0.2655,
0.3621

 2.1182, 0.1520,
0.4491

 116.6083, 0.2694,
0.3593

 0.6749, 0.0000,
0.5840

 147.6706, 0.2727,
0.3570

 0.0000, 0.0000,
0.0000

 183.8107, 0.2755,

0.3550

225.4128, 0.2779,
0.3532

■ 24.0081, 0.2395,
0.3810

■ 24.0081, 0.2395,
0.3810

■ 23.9814, 0.2394,
0.3820

■ 24.1860, 0.2400,
0.3752

■ 24.4513, 0.2421,
0.3693

■ 24.8315, 0.2459,
0.3634

■ 25.3402, 0.2517,
0.3576

■ 25.9891, 0.2591,
0.3520

■ 26.7886, 0.2682,
0.3466

■ 27.7478, 0.2785,
0.3415

■ 28.8756, 0.2899,
0.3368

■ 30.1798, 0.3021,
0.3324

Harmonies

Analogous

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



24.0081, 0.3000, 0.4412



24.0081, 0.2395, 0.3810



24.0081, 0.2012, 0.3079

Triad

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



24.0081, 0.2395, 0.3810



24.0081, 0.2492, 0.2237



24.0081, 0.4512, 0.3827

Complementary

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



24.0081, 0.2395, 0.3810



6.8139, 0.6078, 0.3141

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.



24.0081, 0.4377, 0.3301



24.0081, 0.2395, 0.3810



24.0081, 0.3132, 0.2438

Square

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



24.0081, 0.2395, 0.3810



24.0081, 0.2070, 0.2256



24.0081, 0.3846, 0.2814



24.0081, 0.4235, 0.4303

Rectangle

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



24.0081, 0.2395, 0.3810



24.0081, 0.1911, 0.2683



24.0081, 0.3846, 0.2814



24.0081, 0.4517, 0.3652

Sweetspot

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



24.0090, 0.2395, 0.3810



48.7422, 0.2772, 0.3421



22.7414, 0.3070, 0.5928



10.9222, 0.2730, 0.3441



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0090, 0.2395, 0.3810



42.2994, 0.2398, 0.3831



12.3230, 0.1965, 0.2258



7.0088, 0.3010, 0.3327



20.1082, 0.2393, 0.3816



0.3048, 0.2321, 0.3556

Inverse Universe

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



6.8139, 0.6078, 0.3141



11.8919, 0.6163, 0.3169



8.9535, 0.5848, 0.3713



6.2387, 0.3258, 0.3253



5.6610, 0.6112, 0.3140



0.0884, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 24.0081, 0.2395, 0.3810 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0081, 0.2395, 0.3810 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 × Fail

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

Yxy 24.0081, 0.2395, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 24.0081, 0.2395, 0.3810.

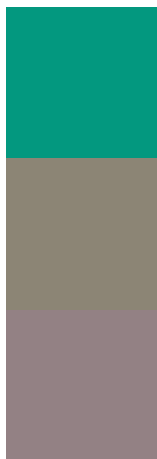


This preview shows how white text looks on a background with the Yxy color 24.0081, 0.2395, 0.3810.

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

24.0081, 0.2395, 0.3810

Protanopia

23.6349, 0.3383, 0.3567

Deuteranopia

23.5695, 0.3306, 0.3241



Tritanopia

23.9061, 0.2270, 0.3060

Trichromacy



Original Color

24.0081, 0.2395, 0.3810

Protanomaly

22.3103, 0.2801, 0.3666

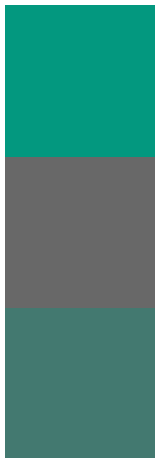
Deuteranomaly

21.8827, 0.2753, 0.3425

Tritanomaly

23.8627, 0.2303, 0.3327

Monochromacy



Original Color

24.0081, 0.2395, 0.3810

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

16.0379, 0.2631, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0081, 0.2395, 0.3810 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(3, 152, 127)` looks like.

```
.text, #text, p{  
    color:rgb(3, 152, 127)  
}
```

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(3, 152, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 152, 127) }
```

Border

The CSS property to change the border of an element to Yxy 24.0081, 0.2395, 0.3810 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(3, 152, 127) }
```

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

```
.border{ border-color:rgb(3, 152, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 152, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 152, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 152, 127);  
box-shadow:4px 4px 4px 4px rgb(3, 152,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0081, 0.2395, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 152, 127) }
```

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

```
.background{ background-color: rgb(3, 152,  
127) }
```

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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