

Converting Colors

$Yxy(19.3796, 0.2377, 0.3089)$

Have a look what the booklet for
Yxy(19.3796, 0.2377, 0.3089)
contains.

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Color

Yxy(19.3853, 0.2376, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	3B848E
RGB	59, 132, 142
RGB Percent	23%, 52%, 56%
CMY	0.7685, 0.4824, 0.4431
CMYK	0.58, 0.07, 0.00, 0.44
HSL	187°, 41%, 39%
HSV	187°, 58%, 56%
XYZ	14.9398, 19.3853, 28.5529
YIQ	111.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

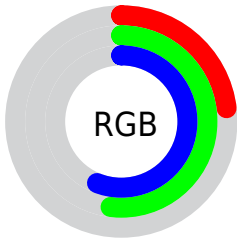
Format	Color
R_{YB}	59, 98, 142
Decimal	3900558
CIE _{Lab}	51.13, -19.54, -12.26
CIE _{LCh}	51, 23.066, 212.122
Yxy	19.3853, 0.2376, 0.3083
Android (android.graphics.Color)	4282090638 (0xFF3B848E)
YUV	111.3130, 15.1287, -45.8785
Hunter-Lab	44.0287, -16.4817, -7.6298

Details

The Yxy color **19.3853, 0.2376, 0.3083** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.3320, 0.4724, 0.3466**, and the grayscale version is **15.9604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2609, 0.2536, 0.3128**, and **6.8073, 0.2158, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **18.5479, 0.2293, 0.3042**, and if you desaturate by 10%, it is **20.3500, 0.2476, 0.3123**.

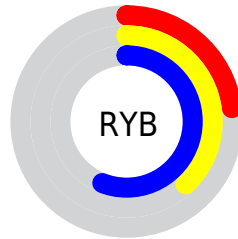
Distribution



Red (23%)

Green (52%)

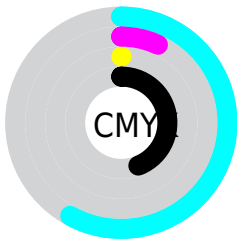
Blue (56%)



Red (23%)

Yellow (38%)

Blue (56%)

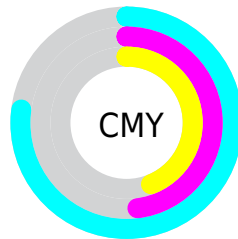


Cyan (58%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3853, 0.2376, 0.3083 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 19.3853, 0.2376, 0.3083 by changing the saturation by 10% instead.


 19.3853, 0.2376,
0.3083


 19.3853, 0.2376,
0.3083


248.5677, 0.2796,
0.3211

 11.9490, 0.2255,
0.3040


 42.3842, 0.2540,
0.3137

 6.7090, 0.2088,
0.2975


 58.7155, 0.2598,
0.3155


 3.2808, 0.1846,
0.2869

 78.7807, 0.2646,
0.3169

 1.2800, 0.1454,
0.2679

 102.9641, 0.2686,
0.3181

 0.1256, 0.0000,
0.1122

 131.6501, 0.2719,
0.3190

 0.0000, 0.0000,
0.0000

165.2231, 0.2748,

0.3198

204.0675, 0.2774,
0.3205

■ 19.3853, 0.2376,
0.3083

■ 19.3853, 0.2376,
0.3083

■ 18.5479, 0.2293,
0.3042

■ 20.3500, 0.2476,
0.3123

■ 17.8256, 0.2228,
0.3001

■ 21.4484, 0.2591,
0.3162

■ 17.2077, 0.2180,
0.2960

■ 22.6893, 0.2719,
0.3198

■ 16.6694, 0.2147,
0.2919

■ 24.0799, 0.2857,
0.3233

■ 16.5870, 0.2143,
0.2913

■ 25.6270, 0.3002,
0.3265

■ 27.3371, 0.3151,
0.3294

■ 29.2159, 0.3302,
0.3321

■ 31.2693, 0.3453,
0.3345

■ 33.5026, 0.3601,
0.3366

Harmonies

Analogous

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



19.3853, 0.2596, 0.3504



19.3853, 0.2376, 0.3083



19.3853, 0.2343, 0.2763

Triad

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



19.3853, 0.2376, 0.3083



19.3853, 0.3249, 0.2787



19.3853, 0.3766, 0.3998

Complementary

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



19.3853, 0.2376, 0.3083



10.3320, 0.4724, 0.3466

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.



19.3853, 0.3973, 0.3746



19.3853, 0.2376, 0.3083



19.3853, 0.3668, 0.3066

Square

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



19.3853, 0.2376, 0.3083



19.3853, 0.2822, 0.2621



19.3853, 0.3940, 0.3408



19.3853, 0.3393, 0.4065

Rectangle

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



19.3853, 0.2376, 0.3083



19.3853, 0.2427, 0.2639



19.3853, 0.3940, 0.3408



19.3853, 0.3859, 0.3929

Sweetspot

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



19.3860, 0.2376, 0.3083



42.4651, 0.2858, 0.3233



20.7089, 0.2975, 0.4910



9.3367, 0.2821, 0.3224



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.3860, 0.2376, 0.3083



32.2922, 0.2271, 0.3030



10.3402, 0.2179, 0.2163



6.0067, 0.2990, 0.3263



14.9058, 0.2143, 0.2915



0.1628, 0.2198, 0.3114

Inverse Universe

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



10.5498, 0.3350, 0.2093



15.7110, 0.3410, 0.1905



17.2656, 0.4242, 0.4174



5.5000, 0.3154, 0.3099



6.4911, 0.3530, 0.1718



0.0641, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 19.3853, 0.2376, 0.3083 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 19.3853, 0.2376, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

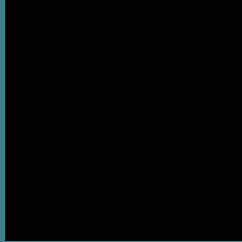
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3853, 0.2376, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 19.3853, 0.2376, 0.3083.

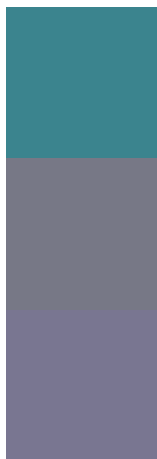


This preview shows how white text looks on a background with the Yxy color 19.3853, 0.2376, 0.3083.

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

19.3853, 0.2376, 0.3083

Protanopia

19.0761, 0.2959, 0.3030

Deuteranopia

19.0661, 0.2865, 0.2805



Tritanopia

19.4155, 0.2369, 0.3064

Trichromacy



Original Color

19.3853, 0.2376, 0.3083

Protanomaly

18.7628, 0.2693, 0.3035

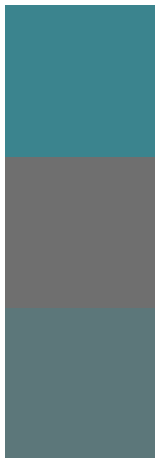
Deuteranomaly

18.7762, 0.2638, 0.2887

Tritanomaly

19.4155, 0.2369, 0.3064

Monochromacy



Original Color

19.3853, 0.2376, 0.3083

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.8741, 0.2777, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3853, 0.2376, 0.3083 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(59, 132, 142)` looks like.

```
.text, #text, p{  
    color:rgb(59, 132, 142)  
}
```

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(59, 132, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 132, 142) }
```

Border

The CSS property to change the border of an element to Yxy 19.3853, 0.2376, 0.3083 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(59, 132, 142) }
```

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

```
.border{ border-color:rgb(59, 132, 142) }
```

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

Here you see how a box with a 4 pixel rgb(59, 132, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 132, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 132, 142);  
box-shadow:4px 4px 4px 4px rgb(59, 132,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3853, 0.2376, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 132, 142) }
```

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

```
.background{ background-color: rgb(59, 132,  
142) }
```

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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