

Converting Colors

$Yxy(24.8733, 0.2375, 0.3154)$

Have a look what the booklet for
Yxy(24.8733, 0.2375, 0.3154)
contains.

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Color

Yxy(24.9193, 0.2374, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	3E959C
RGB	62, 149, 156
RGB Percent	24%, 58%, 61%
CMY	0.7565, 0.4157, 0.3882
CMYK	0.60, 0.04, 0.00, 0.39
HSL	184°, 43%, 43%
HSV	184°, 60%, 61%
XYZ	18.7388, 24.9193, 35.2754
YIQ	123.7850, -54.0990, -16.2670

Conversions

Conversions Part 2

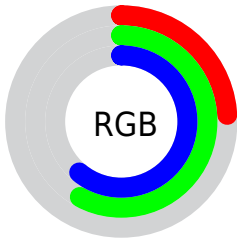
Format	Color
RYB	62, 107, 156
Decimal	4101532
CIELab	57.00, -23.63, -11.51
CIELCh	57, 26.285, 205.959
Yxy	24.9193, 0.2374, 0.3157
Android (android.graphics.Color)	4282291612 (0xFF3E959C)
YUV	123.7850, 15.8820, -54.1854
Hunter-Lab	49.9192, -20.3529, -6.9537

Details

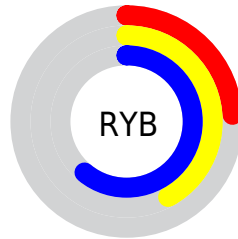
The Yxy color **24.9193, 0.2374, 0.3157** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.6852, 0.4867, 0.3402**, and the grayscale version is **20.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2870, 0.2528, 0.3193**, and **9.7553, 0.2192, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **24.1189, 0.2300, 0.3132**, and if you desaturate by 10%, it is **25.8701, 0.2466, 0.3182**.

Distribution



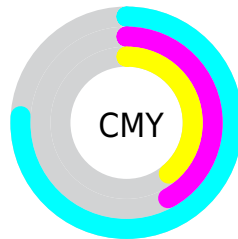
- Red (24%)
- Green (58%)
- Blue (61%)



- Red (24%)
- Yellow (42%)
- Blue (61%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)





- Cyan (76%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9193, 0.2374, 0.3157 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 24.9193, 0.2374, 0.3157 by changing the saturation by 10% instead.


 24.9193, 0.2374,
0.3157


 24.9193, 0.2374,
0.3157


277.4358, 0.2780,
0.3241


 16.0169, 0.2263,
0.3129


 51.5263, 0.2529,
0.3192


 9.5361, 0.2115,
0.3087


 69.9997, 0.2584,
0.3204


 5.0925, 0.1907,
0.3021

 92.4322, 0.2631,
0.3213

 2.3016, 0.1600,
0.2904

 119.2083, 0.2670,
0.3221

 0.7746, 0.0578,
0.2811

 150.7123, 0.2703,
0.3227

 0.0000, 0.0000,
0.0000

187.3286, 0.2732,

0.3232

229.4417, 0.2757,
0.3237

■ 24.9193, 0.2374,
0.3157

■ 24.9193, 0.2374,
0.3157

■ 24.1189, 0.2300,
0.3132

■ 25.8701, 0.2466,
0.3182

■ 23.4534, 0.2245,
0.3107

■ 26.9797, 0.2574,
0.3206

■ 22.9086, 0.2207,
0.3082

■ 28.2593, 0.2697,
0.3229

■ 22.4561, 0.2183,
0.3058

■ 29.7181, 0.2831,
0.3251

■ 31.3648, 0.2974,
0.3271

■ 33.2074, 0.3124,
0.3290

■ 35.2535, 0.3277,
0.3307

■ 37.5102, 0.3432,
0.3322

■ 39.9845, 0.3585,
0.3336

Harmonies

Analogous

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



24.9193, 0.2640, 0.3605



24.9193, 0.2374, 0.3157



24.9193, 0.2299, 0.2793

Triad

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



24.9193, 0.2374, 0.3157



24.9193, 0.3158, 0.2718



24.9193, 0.3858, 0.3988

Complementary

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



24.9193, 0.2374, 0.3157



11.6852, 0.4867, 0.3402

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.



24.9193, 0.4029, 0.3696



24.9193, 0.2374, 0.3157



24.9193, 0.3612, 0.2989

Square

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



24.9193, 0.2374, 0.3157



24.9193, 0.2726, 0.2575



24.9193, 0.3940, 0.3336



24.9193, 0.3493, 0.4109

Rectangle

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



24.9193, 0.2374, 0.3157



24.9193, 0.2360, 0.2640



24.9193, 0.3940, 0.3336



24.9193, 0.3941, 0.3904

Sweetspot

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



24.9202, 0.2374, 0.3157



54.5001, 0.2857, 0.3254



25.2264, 0.3001, 0.5069



11.8226, 0.2819, 0.3249



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.9202, 0.2374, 0.3157



43.3898, 0.2280, 0.3124



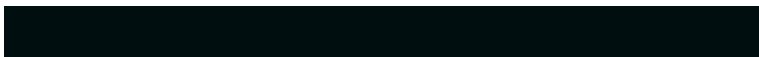
13.0851, 0.2165, 0.2210



7.4247, 0.2988, 0.3273



18.5184, 0.2183, 0.3060



0.3537, 0.2211, 0.3159

Inverse Universe

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



12.6928, 0.3294, 0.2004



19.6275, 0.3334, 0.1817



19.7485, 0.4342, 0.4133



6.7460, 0.3148, 0.3086



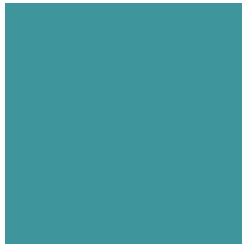
7.4917, 0.3402, 0.1648



0.1362, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 24.9193, 0.2374, 0.3157 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 24.9193, 0.2374, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

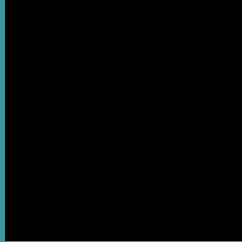
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9193, 0.2374, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 24.9193, 0.2374, 0.3157.

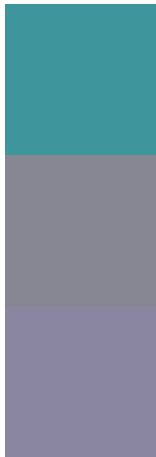


This preview shows how white text looks on a background with the Yxy color 24.9193, 0.2374, 0.3157.

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

24.9193, 0.2374, 0.3157

Protanopia

24.5854, 0.3005, 0.3089

Deuteranopia

24.7164, 0.2911, 0.2853



Tritanopia

24.8079, 0.2355, 0.3067

Trichromacy



Original Color

24.9193, 0.2374, 0.3157

Protanomaly

24.1463, 0.2714, 0.3111

Deuteranomaly

24.2834, 0.2656, 0.2942

Tritanomaly

24.7398, 0.2356, 0.3084

Monochromacy



Original Color

24.9193, 0.2374, 0.3157

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.3193, 0.2759, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9193, 0.2374, 0.3157 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(62, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(62, 149, 156)  
}
```

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(62, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 24.9193, 0.2374, 0.3157 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(62, 149, 156) }
```

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

```
.border{ border-color:rgb(62, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(62, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9193, 0.2374, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 149, 156) }
```

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

```
.background{ background-color: rgb(62, 149,  
156) }
```

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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