

Converting Colors

$Yxy(24.6024, 0.2457, 0.3443)$

Have a look what the booklet for
Yxy(24.6024, 0.2457, 0.3443)
contains.

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Color

$\text{Yxy}(24.7263, 0.2458, 0.3443)$

Conversions

Conversions Part 1

Format	Color
Hex	3C968E
RGB	60, 150, 142
RGB Percent	24%, 59%, 56%
CMY	0.7647, 0.4118, 0.4431
CMYK	0.60, 0.00, 0.05, 0.41
HSL	175°, 43%, 41%
HSV	175°, 60%, 59%
XYZ	17.6524, 24.7263, 29.4374
YIQ	122.1780, -51.0720, -21.5680

Conversions

Conversions Part 2

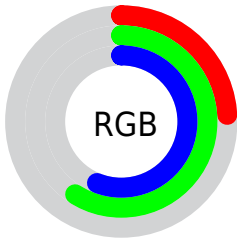
Format	Color
R _Y B	60, 107, 150
Decimal	3970702
CIE Lab	56.81, -28.55, -3.79
CIE LCh	57, 28.806, 187.566
Yxy	24.7263, 0.2458, 0.3443
Android (android.graphics.Color)	4282160782 (0xFF3C968E)
YUV	122.1780, 9.7722, -54.5301
Hunter-Lab	49.7255, -23.6528, -0.2917

Details

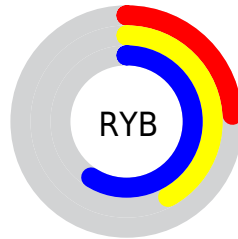
The Yxy color **24.7263, 0.2458, 0.3443** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.1324, 0.4763, 0.3168**, and the grayscale version is **19.5032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4301, 0.2597, 0.3414**, and **9.6964, 0.2304, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **24.2848, 0.2398, 0.3472**, and if you desaturate by 10%, it is **25.3026, 0.2536, 0.3414**.

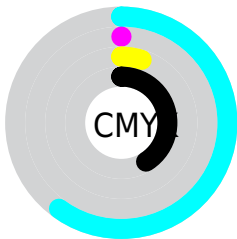
Distribution



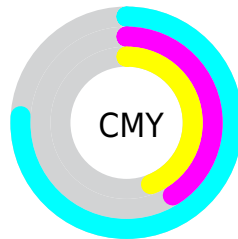
- Red (24%)
- Green (59%)
- Blue (56%)



- Red (24%)
- Yellow (42%)
- Blue (59%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)





- Cyan (76%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7263, 0.2458, 0.3443 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 24.7263, 0.2458, 0.3443 by changing the saturation by 10% instead.


 24.7263, 0.2458,
0.3443


 24.7263, 0.2458,
0.3443


276.4721, 0.2823,
0.3364


 15.8733, 0.2356,
0.3463


 51.2129, 0.2598,
0.3414


 9.4345, 0.2218,
0.3489


 69.6152, 0.2649,
0.3403

 5.0257, 0.2021,
0.3522

 91.9693, 0.2690,
0.3394

 2.2623, 0.1722,
0.3564

 118.6598, 0.2725,
0.3386

 0.7537, 0.0103,
0.4044

 150.0709, 0.2755,
0.3379

 0.0000, 0.0000,
0.0000

186.5871, 0.2781,

0.3374

228.5927, 0.2803,
0.3369

■ 24.7263, 0.2458,
0.3443

■ 24.7263, 0.2458,
0.3443

■ 24.2848, 0.2398,
0.3472

■ 25.3026, 0.2536,
0.3414

■ 23.9636, 0.2357,
0.3502

■ 26.0211, 0.2630,
0.3386

■ 23.7504, 0.2333,
0.3532

■ 26.8919, 0.2739,
0.3360

■ 23.6106, 0.2323,
0.3561

■ 27.9233, 0.2859,
0.3335

■ 29.1233, 0.2990,
0.3311

■ 30.4991, 0.3127,
0.3290

■ 32.0575, 0.3269,
0.3271

■ 33.8051, 0.3412,
0.3253

■ 35.7480, 0.3555,
0.3238

Harmonies

Analogous

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



24.7263, 0.2851, 0.3913



24.7263, 0.2458, 0.3443



24.7263, 0.2248, 0.2967

Triad

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



24.7263, 0.2458, 0.3443



24.7263, 0.2857, 0.2553



24.7263, 0.4075, 0.3866

Complementary

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



24.7263, 0.2458, 0.3443



10.1324, 0.4763, 0.3168

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.



24.7263, 0.4094, 0.3489



24.7263, 0.2458, 0.3443



24.7263, 0.3358, 0.2767

Square

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



24.7263, 0.2458, 0.3443



24.7263, 0.2464, 0.2501



24.7263, 0.3824, 0.3099



24.7263, 0.3789, 0.4135

Rectangle

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



24.7263, 0.2458, 0.3443



24.7263, 0.2227, 0.2726



24.7263, 0.3824, 0.3099



24.7263, 0.4114, 0.3747

Sweetspot

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



24.7273, 0.2458, 0.3443



49.6055, 0.2880, 0.3331



23.4046, 0.3107, 0.5130



10.8767, 0.2847, 0.3337



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.7273, 0.2458, 0.3443



42.6393, 0.2382, 0.3483



15.1969, 0.2243, 0.2547



6.5534, 0.3001, 0.3310



19.5838, 0.2322, 0.3559



0.2418, 0.2281, 0.3413

Inverse Universe

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



10.1324, 0.4763, 0.3168



14.5069, 0.5356, 0.3167



15.1756, 0.4503, 0.3888



5.8233, 0.3269, 0.3271



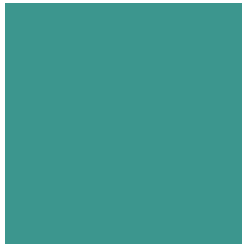
5.4048, 0.6269, 0.3227



0.0678, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 24.7263, 0.2458, 0.3443 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 24.7263, 0.2458, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

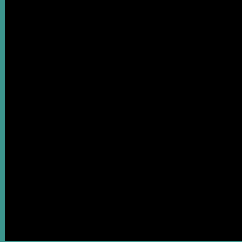
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7263, 0.2458, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 24.7263, 0.2458, 0.3443.



This preview shows how white text looks on a background with the Yxy color 24.7263, 0.2458, 0.3443.

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

24.7263, 0.2458, 0.3443

Protanopia

24.4247, 0.3182, 0.3324

Deuteranopia

24.5071, 0.3115, 0.3061



Tritanopia

24.5639, 0.2373, 0.3066

Trichromacy



Original Color

24.7263, 0.2458, 0.3443

Protanomaly

23.8487, 0.2855, 0.3362

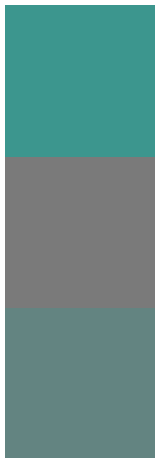
Deuteranomaly

24.0203, 0.2802, 0.3182

Tritanomaly

24.5697, 0.2399, 0.3194

Monochromacy



Original Color

24.7263, 0.2458, 0.3443

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.7402, 0.2802, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7263, 0.2458, 0.3443 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(60, 150, 142)` looks like.

```
.text, #text, p{  
  color:rgb(60, 150, 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(60, 150, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 150, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.7263, 0.2458, 0.3443 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(60, 150, 142) }
```

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

```
.border{ border-color:rgb(60, 150, 142) }
```

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

Here you see how a box with a 4 pixel rgb(60, 150, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 150, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 150, 142);  
box-shadow:4px 4px 4px 4px rgb(60, 150,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7263, 0.2458, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 150, 142) }
```

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

```
.background{ background-color: rgb(60, 150,  
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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