

Converting Colors

$Yxy(25.1784, 0.2462, 0.3457)$

Have a look what the booklet for
Yxy(25.1784, 0.2462, 0.3457)
contains.

Yxy(25.0770, 0.2455, 0.3442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.0770, 0.2455, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	3C978F
RGB	60, 151, 143
RGB Percent	24%, 59%, 56%
CMY	0.7650, 0.4078, 0.4391
CMYK	0.60, 0.00, 0.05, 0.41
HSL	175°, 43%, 41%
HSV	175°, 60%, 59%
XYZ	17.8861, 25.0770, 29.8928
YIQ	122.8790, -51.6680, -21.7800

Conversions

Conversions Part 2

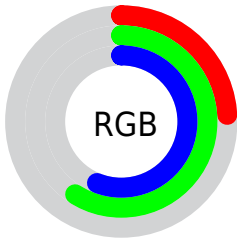
Format	Color
RYB	60, 108, 151
Decimal	3970959
CIELab	57.15, -28.78, -3.87
CIELCh	57, 29.037, 187.650
Yxy	25.0770, 0.2455, 0.3442
Android (android.graphics.Color)	4282161039 (0xFF3C978F)
YUV	122.8790, 9.9197, -55.1449
Hunter-Lab	50.0769, -23.8793, -0.3385

Details

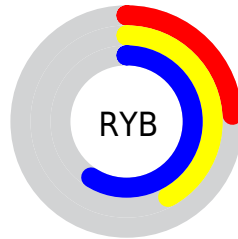
The Yxy color **25.0770, 0.2455, 0.3442** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.2211, 0.4780, 0.3169**, and the grayscale version is **19.7400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9557, 0.2594, 0.3413**, and **9.9047, 0.2303, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **24.6336, 0.2396, 0.3471**, and if you desaturate by 10%, it is **25.6570, 0.2532, 0.3413**.

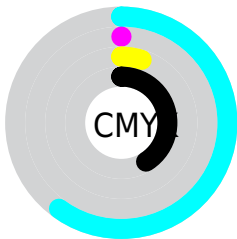
Distribution



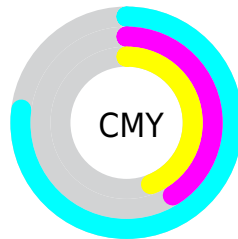
- Red (24%)
- Green (59%)
- Blue (56%)



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



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




- Cyan (77%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0770, 0.2455, 0.3442 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 25.0770, 0.2455, 0.3442 by changing the saturation by 10% instead.


 25.0770, 0.2455,
0.3442


 25.0770, 0.2455,
0.3442


278.2212, 0.2821,
0.3364


 16.1344, 0.2353,
0.3462


 51.7821, 0.2595,
0.3413


 9.6193, 0.2216,
0.3487


 70.3134, 0.2646,
0.3403

 5.1473, 0.2020,
0.3519

 92.8098, 0.2688,
0.3394

 2.3339, 0.1723,
0.3560

 119.6556, 0.2723,
0.3386

 0.7916, 0.0251,
0.3991

 151.2353, 0.2752,
0.3379

 0.0000, 0.0000,
0.0000

187.9332, 0.2778,

0.3373

230.1337, 0.2801,
0.3368

■ 25.0770, 0.2455,
0.3442

■ 25.0770, 0.2455,
0.3442

■ 24.6336, 0.2396,
0.3471

■ 25.6570, 0.2532,
0.3413

■ 24.3121, 0.2355,
0.3500

■ 26.3810, 0.2626,
0.3386

■ 24.0996, 0.2332,
0.3530

■ 27.2595, 0.2734,
0.3360

■ 23.9638, 0.2322,
0.3558

■ 28.3009, 0.2855,
0.3335

■ 29.5132, 0.2986,
0.3312

■ 30.9039, 0.3123,
0.3291

■ 32.4800, 0.3264,
0.3272

■ 34.2480, 0.3408,
0.3254

■ 36.2143, 0.3551,
0.3239

Harmonies

Analogous

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



25.0770, 0.2848, 0.3914



25.0770, 0.2455, 0.3442



25.0770, 0.2245, 0.2965

Triad

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



25.0770, 0.2455, 0.3442



25.0770, 0.2858, 0.2551



25.0770, 0.4077, 0.3869

Complementary

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



25.0770, 0.2455, 0.3442



10.2211, 0.4780, 0.3169

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.



25.0770, 0.4097, 0.3490



25.0770, 0.2455, 0.3442



25.0770, 0.3360, 0.2766

Square

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



25.0770, 0.2455, 0.3442



25.0770, 0.2463, 0.2498



25.0770, 0.3828, 0.3099



25.0770, 0.3790, 0.4138

Rectangle

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



25.0770, 0.2455, 0.3442



25.0770, 0.2224, 0.2723



25.0770, 0.3828, 0.3099



25.0770, 0.4117, 0.3749

Sweetspot

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



25.0780, 0.2455, 0.3442



51.0772, 0.2880, 0.3330



23.7278, 0.3107, 0.5141



11.4838, 0.2846, 0.3337



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.



25.0780, 0.2455, 0.3442



43.9084, 0.2381, 0.3480



15.3585, 0.2239, 0.2542



7.0172, 0.3000, 0.3309



20.3866, 0.2321, 0.3556



0.3072, 0.2285, 0.3425

Inverse Universe

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



10.2211, 0.4780, 0.3169



14.9228, 0.5361, 0.3169



15.3377, 0.4514, 0.3891



6.2310, 0.3270, 0.3271



5.6245, 0.6273, 0.3229



0.0861, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 25.0770, 0.2455, 0.3442 looks on a white background.

Color Contrast Check

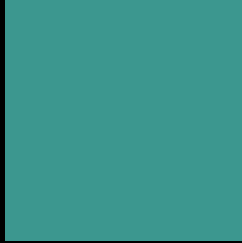
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0770, 0.2455, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

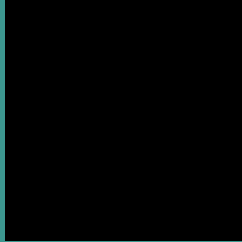
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0770, 0.2455, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 25.0770, 0.2455, 0.3442.

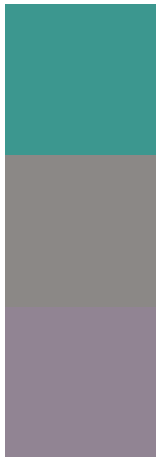


This preview shows how white text looks on a background with the Yxy color 25.0770, 0.2455, 0.3442.

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

25.0770, 0.2455, 0.3442

Protanopia

24.8185, 0.3181, 0.3324

Deuteranopia

24.6289, 0.3116, 0.3046



Tritanopia

24.9112, 0.2370, 0.3067

Trichromacy



Original Color

25.0770, 0.2455, 0.3442

Protanomaly

24.1709, 0.2847, 0.3362

Deuteranomaly

24.1180, 0.2803, 0.3165

Tritanomaly

24.9180, 0.2396, 0.3194

Monochromacy



Original Color

25.0770, 0.2455, 0.3442

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.0961, 0.2804, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0770, 0.2455, 0.3442 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, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 151, 143)  
}
```

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, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 151, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.0770, 0.2455, 0.3442 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, 151, 143) }
```

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

```
.border{ border-color:rgb(60, 151, 143) }
```

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

Here you see how a box with a 4 pixel rgb(60, 151, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 151,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0770, 0.2455, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 151, 143) }
```

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

```
.background{ background-color: rgb(60, 151,  
143) }
```

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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