

Converting Colors

$Y_{xy}(25.6562, 0.2539, 0.3678)$

Have a look what the booklet for
Yxy(25.6562, 0.2539, 0.3678)
contains.

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Color

$\text{Yxy}(25.5001, 0.2541, 0.3680)$

Conversions

Conversions Part 1

Format	Color
Hex	3E9985
RGB	62, 153, 133
RGB Percent	24%, 60%, 52%
CMY	0.7572, 0.4000, 0.4784
CMYK	0.60, 0.00, 0.13, 0.40
HSL	167°, 42%, 42%
HSV	167°, 60%, 60%
XYZ	17.6075, 25.5001, 26.1861
YIQ	123.5110, -47.8160, -25.5120

Conversions

Conversions Part 2

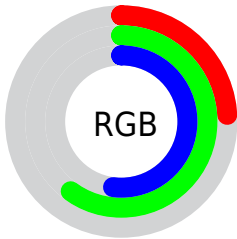
Format	Color
RYB	62, 113, 153
Decimal	4102533
CIELab	57.56, -32.04, 2.45
CIELCh	58, 32.131, 175.624
Yxy	25.5001, 0.2541, 0.3680
Android (android.graphics.Color)	4282292613 (0xFF3E9985)
YUV	123.5110, 4.6781, -53.9451
Hunter-Lab	50.4976, -26.1314, 4.6028

Details

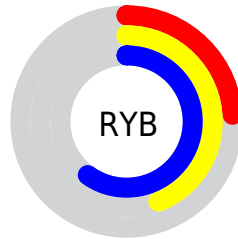
The Yxy color **25.5001, 0.2541, 0.3680** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.8171, 0.4501, 0.2973**, and the grayscale version is **19.9742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5085, 0.2665, 0.3598**, and **9.9475, 0.2389, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **24.9835, 0.2490, 0.3758**, and if you desaturate by 10%, it is **26.1609, 0.2610, 0.3604**.

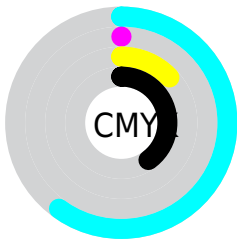
Distribution



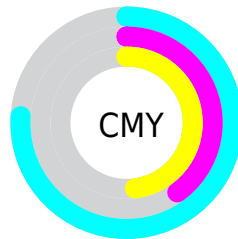
- Red (24%)
- Green (60%)
- Blue (52%)



- Red (24%)
- Yellow (44%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5001, 0.2541, 0.3680 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 25.5001, 0.2541, 0.3680 by changing the saturation by 10% instead.

■ 25.5001, 0.2541,
0.3680

■ 25.5001, 0.2541,
0.3680

■ 280.3194, 0.2863,
0.3463

■ 16.4500, 0.2450,
0.3743

■ 52.4674, 0.2666,
0.3595

■ 9.8432, 0.2325,
0.3829

■ 71.1534, 0.2710,
0.3565

■ 5.2951, 0.2145,
0.3956

■ 93.8202, 0.2747,
0.3541

■ 2.4214, 0.1865,
0.4159

■ 120.8521, 0.2778,
0.3520

■ 0.8369, 0.0084,
0.5263

■ 152.6336, 0.2804,
0.3503

■ 0.0000, 0.0000,
0.0000

189.5490, 0.2826,

0.3488

231.9829, 0.2846,
0.3475

■ 25.5001, 0.2541,
0.3680

■ 25.5001, 0.2541,
0.3680

■ 24.9835, 0.2490,
0.3758

■ 26.1609, 0.2610,
0.3604

■ 24.5961, 0.2457,
0.3837

■ 26.9735, 0.2694,
0.3532

■ 24.3246, 0.2444,
0.3916

■ 27.9486, 0.2791,
0.3463

■ 24.1363, 0.2444,
0.3995

■ 29.0950, 0.2898,
0.3400

■ 24.1280, 0.2444,
0.3999

■ 30.4210, 0.3013,
0.3341

■ 31.9341, 0.3133,
0.3288

■ 33.6416, 0.3255,
0.3240

■ 35.5504, 0.3379,
0.3197

■ 37.6668, 0.3501,
0.3159

Harmonies

Analogous

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



25.5001, 0.3026, 0.4138



25.5001, 0.2541, 0.3680



25.5001, 0.2228, 0.3125

Triad

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



25.5001, 0.2541, 0.3680



25.5001, 0.2637, 0.2439



25.5001, 0.4219, 0.3757

Complementary

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



25.5001, 0.2541, 0.3680



10.8171, 0.4501, 0.2973

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.



25.5001, 0.4113, 0.3329



25.5001, 0.2541, 0.3680



25.5001, 0.3153, 0.2607

Square

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



25.5001, 0.2541, 0.3680



25.5001, 0.2282, 0.2458



25.5001, 0.3708, 0.2922



25.5001, 0.4007, 0.4120

Rectangle

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



25.5001, 0.2541, 0.3680



25.5001, 0.2144, 0.2812



25.5001, 0.3708, 0.2922



25.5001, 0.4221, 0.3616

Sweetspot

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



25.5011, 0.2541, 0.3680



52.3610, 0.2911, 0.3392



24.9797, 0.3210, 0.5061



11.4306, 0.2881, 0.3409



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.



25.5011, 0.2541, 0.3680



44.5139, 0.2479, 0.3781



18.9480, 0.2304, 0.2808



7.0033, 0.3017, 0.3339



19.9432, 0.2443, 0.3993



0.3033, 0.2345, 0.3643

Inverse Universe

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



10.8171, 0.4501, 0.2973



15.8386, 0.4995, 0.2951



13.8087, 0.4632, 0.3687



6.2438, 0.3251, 0.3241



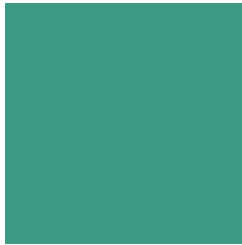
5.6951, 0.5971, 0.3063



0.0898, 0.4993, 0.2524

Previews

White Background



This preview shows how the Yxy color 25.5001, 0.2541, 0.3680 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 25.5001, 0.2541, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

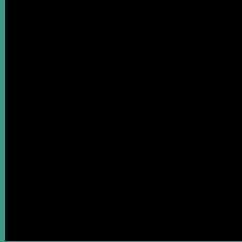
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5001, 0.2541, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 25.5001, 0.2541, 0.3680.



This preview shows how white text looks on a background with the Yxy color 25.5001, 0.2541, 0.3680.

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

25.5001, 0.2541, 0.3680

Protanopia

25.1862, 0.3332, 0.3509

Deuteranopia

25.1605, 0.3291, 0.3226



Tritanopia

25.4458, 0.2395, 0.3070

Trichromacy



Original Color

25.5001, 0.2541, 0.3680

Protanomaly

24.7546, 0.2979, 0.3581

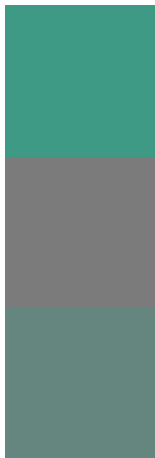
Deuteranomaly

24.4557, 0.2945, 0.3361

Tritanomaly

25.2760, 0.2441, 0.3269

Monochromacy



Original Color

25.5001, 0.2541, 0.3680

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.3492, 0.2843, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5001, 0.2541, 0.3680 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, 153, 133)` looks like.

```
.text, #text, p{  
  color:rgb(62, 153, 133)  
}
```

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, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 153, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.5001, 0.2541, 0.3680 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, 153, 133) }
```

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

```
.border{ border-color:rgb(62, 153, 133) }
```

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

Here you see how a box with a 4 pixel rgb(62, 153, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(62, 153,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5001, 0.2541, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 153, 133) }
```

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

```
.background{ background-color: rgb(62, 153,  
133) }
```

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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