

Converting Colors

$Yxy(25.8835, 0.2448, 0.3597)$

Have a look what the booklet for
Yxy(25.8835, 0.2448, 0.3597)
contains.

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Color

Yxy(25.9597, 0.2447, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	319B8B
RGB	49, 155, 139
RGB Percent	19%, 61%, 55%
CMY	0.8081, 0.3921, 0.4549
CMYK	0.68, 0.00, 0.10, 0.39
HSL	171°, 52%, 40%
HSV	171°, 68%, 61%
XYZ	17.6454, 25.9597, 28.5052
YIQ	121.4820, -58.0400, -27.4480

Conversions

Conversions Part 2

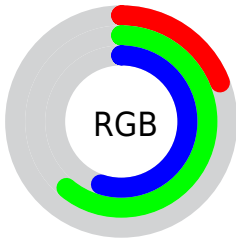
Format	Color
R_{YB}	49, 106, 155
Decimal	3251083
CIE _{Lab}	58.00, -33.73, -0.36
CIE _{LCh}	58, 33.728, 180.610
Yxy	25.9597, 0.2447, 0.3600
Android (android.graphics.Color)	4281441163 (0xFF319B8B)
YUV	121.4820, 8.6364, -63.5667
Hunter-Lab	50.9507, -27.3450, 2.4947

Details

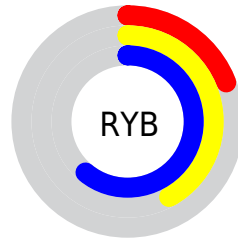
The Yxy color **25.9597, 0.2447, 0.3600** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.5415, 0.5002, 0.3066**, and the grayscale version is **19.2648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1502, 0.2589, 0.3541**, and **10.4218, 0.2360, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **25.5722, 0.2407, 0.3653**, and if you desaturate by 10%, it is **26.4831, 0.2505, 0.3548**.

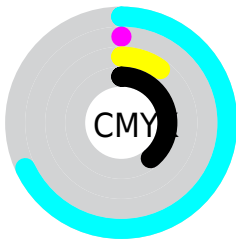
Distribution



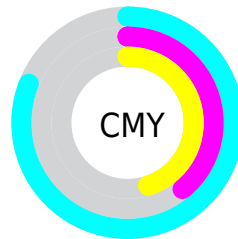
- Red (19%)
- Green (61%)
- Blue (55%)



- Red (19%)
- Yellow (42%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)





- Cyan (81%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9597, 0.2447, 0.3600 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 25.9597, 0.2447, 0.3600 by changing the saturation by 10% instead.


 25.9597, 0.2447,
0.3600


 25.9597, 0.2447,
0.3600


282.5842, 0.2817,
0.3432


 16.7935, 0.2344,
0.3647


 53.2099, 0.2589,
0.3536


 10.0874, 0.2204,
0.3710


 72.0627, 0.2640,
0.3512


 5.4569, 0.2006,
0.3799

 94.9132, 0.2682,
0.3493

 2.5178, 0.1706,
0.3933

 122.1457, 0.2718,
0.3477

 0.8855, 0.0097,
0.4677

 154.1447, 0.2748,
0.3463

 0.0000, 0.0000,
0.0000

191.2945, 0.2774,

0.3451

233.9795, 0.2797,
0.3441

■ 25.9597, 0.2447,
0.3600

■ 25.9597, 0.2447,
0.3600

■ 25.5722, 0.2407,
0.3653

■ 26.4831, 0.2505,
0.3548

■ 25.3034, 0.2386,
0.3705

■ 27.1518, 0.2581,
0.3498

■ 25.1264, 0.2380,
0.3757

■ 27.9776, 0.2672,
0.3449

■ 25.1007, 0.2379,
0.3765

■ 28.9702, 0.2778,
0.3403

■ 30.1389, 0.2894,
0.3360

■ 31.4919, 0.3018,
0.3321

■ 33.0370, 0.3148,
0.3285

■ 34.7817, 0.3281,
0.3252

■ 36.7329, 0.3415,
0.3223

Harmonies

Analogous

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



25.9597, 0.2928, 0.4117



25.9597, 0.2447, 0.3600



25.9597, 0.2160, 0.3026

Triad

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



25.9597, 0.2447, 0.3600



25.9597, 0.2696, 0.2423



25.9597, 0.4250, 0.3842

Complementary

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



25.9597, 0.2447, 0.3600



9.5415, 0.5002, 0.3066

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.



25.9597, 0.4198, 0.3401



25.9597, 0.2447, 0.3600



25.9597, 0.3251, 0.2626

Square

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



25.9597, 0.2447, 0.3600



25.9597, 0.2296, 0.2407



25.9597, 0.3819, 0.2972



25.9597, 0.3979, 0.4200

Rectangle

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



25.9597, 0.2447, 0.3600



25.9597, 0.2101, 0.2722



25.9597, 0.3819, 0.2972



25.9597, 0.4272, 0.3699

Sweetspot

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



25.9607, 0.2447, 0.3600



53.3123, 0.2858, 0.3373



24.8462, 0.3143, 0.5362



11.9445, 0.2828, 0.3384



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.



25.9607, 0.2447, 0.3600



45.5182, 0.2394, 0.3680



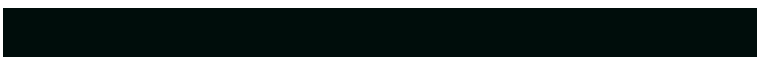
16.3671, 0.2176, 0.2571



7.0105, 0.3008, 0.3324



20.1632, 0.2378, 0.3761



0.3053, 0.2314, 0.3529

Inverse Universe

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



9.5415, 0.5002, 0.3066



14.0966, 0.5635, 0.3091



13.5767, 0.4870, 0.3830



6.2371, 0.3261, 0.3257



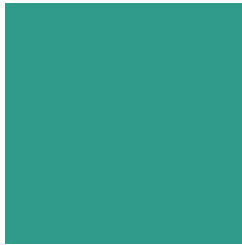
5.6520, 0.6150, 0.3162



0.0879, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 25.9597, 0.2447, 0.3600 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 25.9597, 0.2447, 0.3600 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 25.9597, 0.2447, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 25.9597, 0.2447, 0.3600.

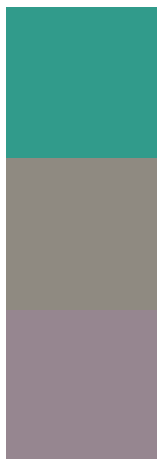


This preview shows how white text looks on a background with the Yxy color 25.9597, 0.2447, 0.3600.

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

25.9597, 0.2447, 0.3600

Protanopia

25.6016, 0.3276, 0.3441

Deuteranopia

25.5478, 0.3202, 0.3130



Tritanopia

25.8057, 0.2329, 0.3052

Trichromacy



Original Color

25.9597, 0.2447, 0.3600

Protanomaly

24.8912, 0.2876, 0.3490

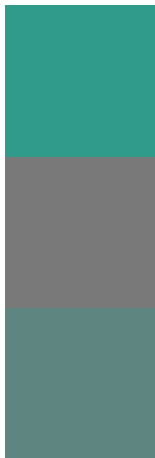
Deuteranomaly

24.8097, 0.2833, 0.3289

Tritanomaly

25.6929, 0.2369, 0.3232

Monochromacy



Original Color

25.9597, 0.2447, 0.3600

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.7665, 0.2774, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9597, 0.2447, 0.3600 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(49, 155, 139)` looks like.

```
.text, #text, p{  
    color:rgb(49, 155, 139)  
}
```

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(49, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.9597, 0.2447, 0.3600 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(49, 155, 139) }
```

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

```
.border{ border-color:rgb(49, 155, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9597, 0.2447, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 139) }
```

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

```
.background{ background-color: rgb(49, 155,  
139) }
```

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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