

Converting Colors

$Yxy(25.2898, 0.2591, 0.3836)$

Have a look what the booklet for
Yxy(25.2898, 0.2591, 0.3836)
contains.

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Color

$\text{Yxy}(25.2809, 0.2585, 0.3826)$

Conversions

Conversions Part 1

Format	Color
Hex	3D997E
RGB	61, 153, 126
RGB Percent	24%, 60%, 49%
CMY	0.7608, 0.4000, 0.5059
CMYK	0.60, 0.00, 0.18, 0.40
HSL	162°, 43%, 42%
HSV	162°, 60%, 60%
XYZ	17.0808, 25.2809, 23.7149
YIQ	122.4140, -46.1650, -27.9010

Conversions

Conversions Part 2

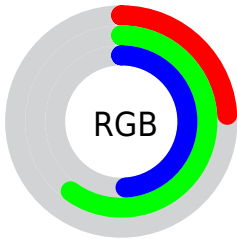
Format	Color
RYB	61, 115, 153
Decimal	4036990
CIELab	57.35, -34.00, 6.13
CIELCh	57, 34.545, 169.780
Yxy	25.2809, 0.2585, 0.3826
Android (android.graphics.Color)	4282227070 (0xFF3D997E)
YUV	122.4140, 1.7679, -53.8601
Hunter-Lab	50.2801, -27.3515, 7.2316

Details

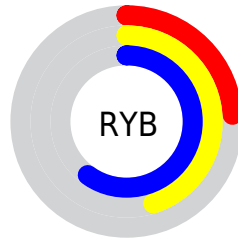
The Yxy color **25.2809, 0.2585, 0.3826** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.8145, 0.4379, 0.2859**, and the grayscale version is **19.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1483, 0.2699, 0.3701**, and **9.8432, 0.2452, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **24.7503, 0.2541, 0.3933**, and if you desaturate by 10%, it is **25.9572, 0.2647, 0.3722**.

Distribution



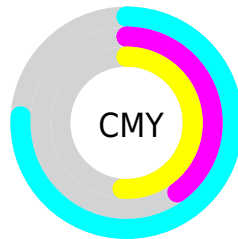
- Red (24%)
- Green (60%)
- Blue (49%)



- Red (24%)
- Yellow (45%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)





- Cyan (76%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2809, 0.2585, 0.3826 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 25.2809, 0.2585, 0.3826 by changing the saturation by 10% instead.


 25.2809, 0.2585,
0.3826


 25.2809, 0.2585,
0.3826


279.2340, 0.2886,
0.3523

 16.2865, 0.2498,
0.3916


 52.1126, 0.2703,
0.3706


 9.7271, 0.2378,
0.4043


 70.7186, 0.2744,
0.3664


 5.2184, 0.2202,
0.4233

 93.2972, 0.2779,
0.3630

 2.3760, 0.1923,
0.4547

 120.2329, 0.2807,
0.3601

 0.8135, 0.0000,
0.6402

 151.9100, 0.2832,
0.3577

 0.0000, 0.0000,
0.0000

188.7130, 0.2852,

0.3556

231.0262, 0.2871,
0.3538

■ 25.2809, 0.2585,
0.3826

■ 25.2809, 0.2585,
0.3826

■ 24.7503, 0.2541,
0.3933

■ 25.9572, 0.2647,
0.3722

■ 24.3503, 0.2515,
0.4043

■ 26.7870, 0.2723,
0.3623

■ 24.0675, 0.2509,
0.4152

■ 27.7810, 0.2812,
0.3529

■ 23.8683, 0.2516,
0.4259

■ 28.9482, 0.2911,
0.3442

■ 30.2968, 0.3016,
0.3363

■ 31.8346, 0.3126,
0.3291

■ 33.5687, 0.3237,
0.3226

■ 35.5062, 0.3349,
0.3168

■ 37.6535, 0.3460,
0.3117

Harmonies

Analogous

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



25.2809, 0.3127, 0.4273



25.2809, 0.2585, 0.3826



25.2809, 0.2210, 0.3220

Triad

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



25.2809, 0.2585, 0.3826



25.2809, 0.2510, 0.2368



25.2809, 0.4310, 0.3696

Complementary

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



25.2809, 0.2585, 0.3826



10.8145, 0.4379, 0.2859

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.



25.2809, 0.4127, 0.3238



25.2809, 0.2585, 0.3826



25.2809, 0.3036, 0.2512

Square

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



25.2809, 0.2585, 0.3826



25.2809, 0.2175, 0.2427



25.2809, 0.3641, 0.2820



25.2809, 0.4139, 0.4111

Rectangle

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



25.2809, 0.2585, 0.3826



25.2809, 0.2090, 0.2860



25.2809, 0.3641, 0.2820



25.2809, 0.4289, 0.3543

Sweetspot

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



25.2819, 0.2585, 0.3826



52.2454, 0.2929, 0.3428



25.2247, 0.3265, 0.5049



11.4016, 0.2901, 0.3450



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.



25.2819, 0.2585, 0.3826



44.0622, 0.2530, 0.3969



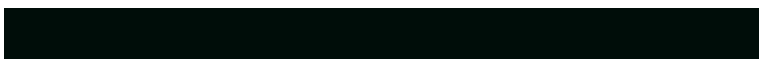
20.5092, 0.2325, 0.2929



6.9956, 0.3026, 0.3356



19.7316, 0.2514, 0.4251



0.3012, 0.2382, 0.3774

Inverse Universe

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



10.8145, 0.4379, 0.2859



15.8039, 0.4840, 0.2820



12.7591, 0.4726, 0.3589



6.2510, 0.3240, 0.3225



5.7585, 0.5730, 0.2930



0.0919, 0.4684, 0.2354

Previews

White Background



This preview shows how the Yxy color 25.2809, 0.2585, 0.3826 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 25.2809, 0.2585, 0.3826 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 25.2809, 0.2585, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 25.2809, 0.2585, 0.3826.



This preview shows how white text looks on a background with the Yxy color 25.2809, 0.2585, 0.3826.

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

25.2809, 0.2585, 0.3826

Protanopia

24.8220, 0.3422, 0.3612

Deuteranopia

24.7896, 0.3382, 0.3323



Tritanopia

25.1343, 0.2404, 0.3069

Trichromacy



Original Color

25.2809, 0.2585, 0.3826

Protanomaly

24.2795, 0.3045, 0.3696

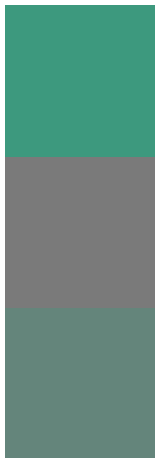
Deuteranomaly

24.2631, 0.3012, 0.3488

Tritanomaly

25.2160, 0.2467, 0.3326

Monochromacy



Original Color

25.2809, 0.2585, 0.3826

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.9144, 0.2870, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2809, 0.2585, 0.3826 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(61, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 126)  
}
```

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(61, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.2809, 0.2585, 0.3826 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(61, 153, 126) }
```

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

```
.border{ border-color:rgb(61, 153, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 126);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2809, 0.2585, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 126) }
```

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

```
.background{ background-color: rgb(61, 153,  
126) }
```

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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