

Converting Colors

$Y_{xy}(25.2619, 0.2403, 0.3403)$

Have a look what the booklet for
Yxy(25.2619, 0.2403, 0.3403)
contains.

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Color

$Y_{xy}(25.2619, 0.2403, 0.3403)$

Conversions

Conversions Part 1

Format	Color
Hex	349892
RGB	52, 152, 146
RGB Percent	20%, 60%, 57%
CMY	0.7955, 0.4040, 0.4274
CMYK	0.66, 0.00, 0.04, 0.40
HSL	176°, 49%, 40%
HSV	176°, 66%, 60%
XYZ	17.8385, 25.2619, 31.1338
YIQ	121.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

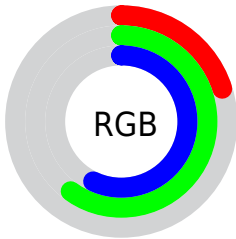
Format	Color
R_{YB}	52, 104, 152
Decimal	3446930
CIE _{Lab}	57.33, -29.81, -5.33
CIE _{LCh}	57, 30.279, 190.140
Yxy	25.2619, 0.2403, 0.3403
Android (android.graphics.Color)	4281637010 (0xFF349892)
YUV	121.4160, 12.1199, -60.8778
Hunter-Lab	50.2612, -24.6047, -1.5438

Details

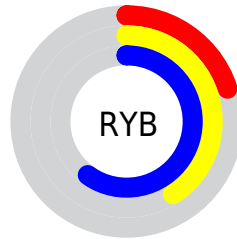
The Yxy color **25.2619, 0.2403, 0.3403** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.4497, 0.5075, 0.3208**, and the grayscale version is **19.2487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2405, 0.2555, 0.3385**, and **9.9589, 0.2279, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **24.8931, 0.2352, 0.3423**, and if you desaturate by 10%, it is **25.7628, 0.2472, 0.3384**.

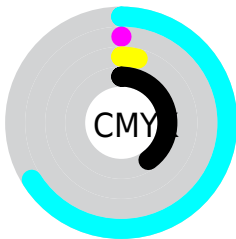
Distribution



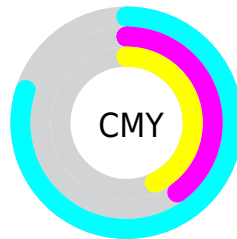
- Red (20%)
- Green (60%)
- Blue (57%)



- Red (20%)
- Yellow (41%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)





- Cyan (80%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2619, 0.2403, 0.3403 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 25.2619, 0.2403, 0.3403 by changing the saturation by 10% instead.


 25.2619, 0.2403,
0.3403


 25.2619, 0.2403,
0.3403

279.1397, 0.2795,
0.3348


 16.2723, 0.2295,
0.3415


 52.0818, 0.2553,
0.3384


 9.7170, 0.2149,
0.3429


 70.6808, 0.2607,
0.3376


 5.2117, 0.1943,
0.3445

 93.2518, 0.2652,
0.3370

 2.3720, 0.1635,
0.3455

 120.1792, 0.2690,
0.3365

 0.8114, 0.0204,
0.3789

 151.8472, 0.2722,
0.3360

 0.0000, 0.0000,
0.0000

188.6404, 0.2750,

0.3355

230.9431, 0.2774,
0.3352

■ 25.2619, 0.2403,
0.3403

■ 25.2619, 0.2403,
0.3403

■ 24.8931, 0.2352,
0.3423

■ 25.7628, 0.2472,
0.3384

■ 24.6405, 0.2319,
0.3442

■ 26.4043, 0.2559,
0.3365

■ 24.4873, 0.2302,
0.3462

■ 27.1972, 0.2663,
0.3346

■ 24.4332, 0.2297,
0.3470

■ 28.1507, 0.2780,
0.3329

■ 29.2733, 0.2908,
0.3313

■ 30.5727, 0.3046,
0.3298

■ 32.0563, 0.3190,
0.3284

■ 33.7310, 0.3337,
0.3272

■ 35.6033, 0.3485,
0.3261

Harmonies

Analogous

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



25.2619, 0.2797, 0.3906



25.2619, 0.2403, 0.3403



25.2619, 0.2205, 0.2914

Triad

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



25.2619, 0.2403, 0.3403



25.2619, 0.2887, 0.2538



25.2619, 0.4099, 0.3917

Complementary

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



25.2619, 0.2403, 0.3403



9.4497, 0.5075, 0.3208

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.



25.2619, 0.4147, 0.3529



25.2619, 0.2403, 0.3403



25.2619, 0.3412, 0.2772

Square

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



25.2619, 0.2403, 0.3403



25.2619, 0.2465, 0.2467



25.2619, 0.3889, 0.3123



25.2619, 0.3780, 0.4185

Rectangle

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



25.2619, 0.2403, 0.3403



25.2619, 0.2196, 0.2675



25.2619, 0.3889, 0.3123



25.2619, 0.4149, 0.3796

Sweetspot

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



25.2629, 0.2403, 0.3403



50.7090, 0.2847, 0.3320



23.6262, 0.3074, 0.5324



11.4109, 0.2814, 0.3325



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.



25.2629, 0.2403, 0.3403



43.7046, 0.2334, 0.3432



13.8785, 0.2155, 0.2388



7.0202, 0.2997, 0.3303



20.4912, 0.2297, 0.3469



0.3080, 0.2273, 0.3381

Inverse Universe

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



9.4497, 0.5075, 0.3208



13.6197, 0.5733, 0.3220



15.1819, 0.4640, 0.3980



6.2284, 0.3274, 0.3277



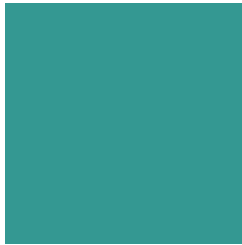
5.6156, 0.6314, 0.3252



0.0854, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 25.2619, 0.2403, 0.3403 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 25.2619, 0.2403, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

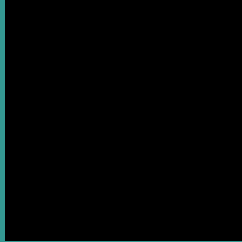
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2619, 0.2403, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 25.2619, 0.2403, 0.3403.



This preview shows how white text looks on a background with the Yxy color 25.2619, 0.2403, 0.3403.

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

25.2619, 0.2403, 0.3403

Protanopia

24.9034, 0.3150, 0.3273

Deuteranopia

24.9064, 0.3073, 0.3014



Tritanopia

25.3820, 0.2332, 0.3068

Trichromacy



Original Color

25.2619, 0.2403, 0.3403

Protanomaly

24.3653, 0.2794, 0.3325

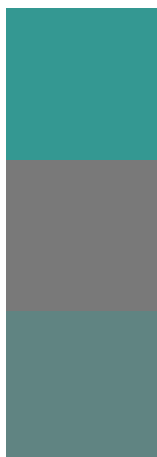
Deuteranomaly

24.3056, 0.2750, 0.3130

Tritanomaly

25.4034, 0.2358, 0.3194

Monochromacy



Original Color

25.2619, 0.2403, 0.3403

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.6010, 0.2763, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2619, 0.2403, 0.3403 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(52, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(52, 152, 146)  
}
```

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(52, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 152, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.2619, 0.2403, 0.3403 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(52, 152, 146) }
```

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

```
.border{ border-color:rgb(52, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 152, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 152, 146); box-shadow:4px 4px 4px 4px rgb(52, 152, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2619, 0.2403, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 152, 146) }
```

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

```
.background{ background-color: rgb(52, 152,  
146) }
```

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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