

Converting Colors

$Yxy(25.2169, 0.2440, 0.3439)$

Have a look what the booklet for
Yxy(25.2169, 0.2440, 0.3439)
contains.

Yxy(25.3399, 0.2438, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.3399, 0.2438, 0.3442)$

Conversions

Conversions Part 1

Format	Color
Hex	399890
RGB	57, 152, 144
RGB Percent	22%, 60%, 56%
CMY	0.7766, 0.4039, 0.4353
CMYK	0.63, 0.00, 0.05, 0.40
HSL	175°, 45%, 41%
HSV	175°, 63%, 60%
XYZ	17.9485, 25.3399, 30.3313
YIQ	122.6830, -54.0520, -22.6280

Conversions

Conversions Part 2

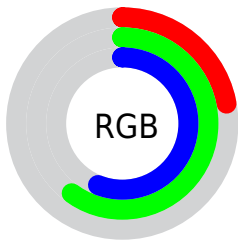
Format	Color
R_{YB}	57, 107, 152
Decimal	3774608
CIE _{Lab}	57.41, -29.54, -4.06
CIE _{LCh}	57, 29.821, 187.822
Yxy	25.3399, 0.2438, 0.3442
Android (android.graphics.Color)	4281964688 (0xFF399890)
YUV	122.6830, 10.5093, -57.6040
Hunter-Lab	50.3388, -24.4479, -0.4877

Details

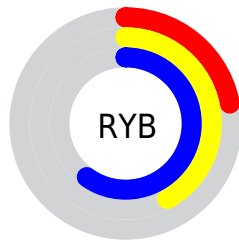
The Yxy color **25.3399, 0.2438, 0.3442** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.9811, 0.4884, 0.3173**, and the grayscale version is **19.6739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3477, 0.2580, 0.3413**, and **9.9225, 0.2295, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **24.9203, 0.2383, 0.3470**, and if you desaturate by 10%, it is **25.8956, 0.2512, 0.3415**.

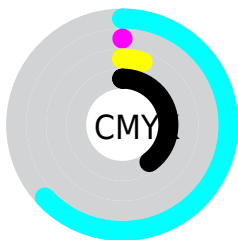
Distribution



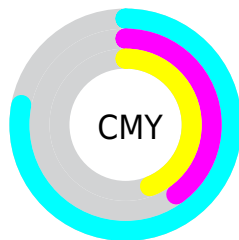
- Red (22%)
- Green (60%)
- Blue (56%)



- Red (22%)
- Yellow (42%)
- Blue (60%)



- Cyan (63%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3399, 0.2438, 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 25.3399, 0.2438, 0.3442 by changing the saturation by 10% instead.

■ 25.3399, 0.2438,
0.3442

■ 25.3399, 0.2438,
0.3442

279.5265, 0.2812,
0.3364

■ 16.3305, 0.2334,
0.3461

■ 52.2081, 0.2581,
0.3414

■ 9.7583, 0.2194,
0.3486

■ 70.8357, 0.2633,
0.3403

■ 5.2390, 0.1996,
0.3517

■ 93.4381, 0.2676,
0.3394

■ 2.3882, 0.1697,
0.3555

■ 120.3997, 0.2712,
0.3386

■ 0.8198, 0.0280,
0.3960

■ 152.1050, 0.2742,
0.3380

■ 0.0000, 0.0000,
0.0000

188.9383, 0.2769,

0.3374

231.2840, 0.2792,
0.3369

■ 25.3399, 0.2438,
0.3442

■ 25.3399, 0.2438,
0.3442

■ 24.9203, 0.2383,
0.3470

■ 25.8956, 0.2512,
0.3415

■ 24.6216, 0.2346,
0.3498

■ 26.5953, 0.2602,
0.3388

■ 24.4300, 0.2326,
0.3526

■ 27.4498, 0.2708,
0.3362

■ 24.3281, 0.2319,
0.3547

■ 28.4679, 0.2826,
0.3338

■ 29.6578, 0.2955,
0.3316

■ 31.0272, 0.3092,
0.3295

■ 32.5833, 0.3233,
0.3276

■ 34.3329, 0.3377,
0.3259

■ 36.2824, 0.3521,
0.3244

Harmonies

Analogous

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



25.3399, 0.2838, 0.3928



25.3399, 0.2438, 0.3442



25.3399, 0.2226, 0.2953

Triad

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



25.3399, 0.2438, 0.3442



25.3399, 0.2854, 0.2537



25.3399, 0.4098, 0.3882

Complementary

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



25.3399, 0.2438, 0.3442



9.9811, 0.4884, 0.3173

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.



25.3399, 0.4121, 0.3496



25.3399, 0.2438, 0.3442



25.3399, 0.3368, 0.2757

Square

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



25.3399, 0.2438, 0.3442



25.3399, 0.2450, 0.2481



25.3399, 0.3847, 0.3096



25.3399, 0.3802, 0.4158

Rectangle

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



25.3399, 0.2438, 0.3442



25.3399, 0.2205, 0.2708



25.3399, 0.3847, 0.3096



25.3399, 0.4139, 0.3760

Sweetspot

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



25.3409, 0.2438, 0.3442



50.8729, 0.2866, 0.3331



23.9281, 0.3103, 0.5212



11.4423, 0.2833, 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.



25.3409, 0.2438, 0.3442



43.7517, 0.2366, 0.3481



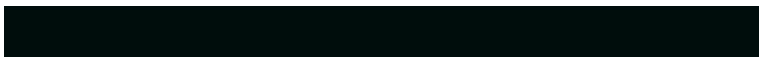
15.1694, 0.2211, 0.2509



7.0176, 0.3000, 0.3309



20.3994, 0.2318, 0.3545



0.3073, 0.2283, 0.3420

Inverse Universe

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



9.9811, 0.4884, 0.3173



14.3289, 0.5504, 0.3178



15.1532, 0.4584, 0.3907



6.2307, 0.3271, 0.3272



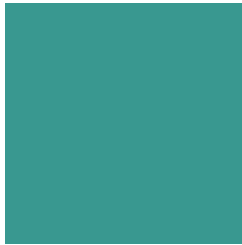
5.6233, 0.6278, 0.3232



0.0860, 0.5745, 0.2938

Previews

White Background



This preview shows how the Yxy color 25.3399, 0.2438, 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 25.3399, 0.2438, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

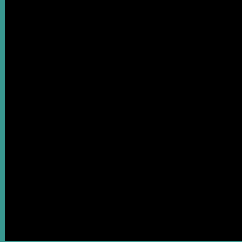
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3399, 0.2438, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 25.3399, 0.2438, 0.3442.



This preview shows how white text looks on a background with the Yxy color 25.3399, 0.2438, 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

25.3399, 0.2438, 0.3442

Protanopia

24.9330, 0.3182, 0.3307

Deuteranopia

24.9329, 0.3105, 0.3047



Tritanopia

25.1919, 0.2358, 0.3068

Trichromacy



Original Color

25.3399, 0.2438, 0.3442

Protanomaly

24.4960, 0.2839, 0.3362

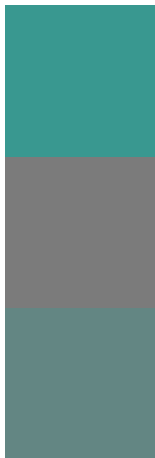
Deuteranomaly

24.3735, 0.2786, 0.3165

Tritanomaly

25.2034, 0.2384, 0.3194

Monochromacy



Original Color

25.3399, 0.2438, 0.3442

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.3415, 0.2786, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3399, 0.2438, 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(57, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(57, 152, 144)  
}
```

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(57, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 152, 144) }
```

Border

The CSS property to change the border of an element to Yxy 25.3399, 0.2438, 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(57, 152, 144) }
```

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

```
.border{ border-color:rgb(57, 152, 144) }
```

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

Here you see how a box with a 4 pixel rgb(57, 152, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(57, 152,  
144) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 25.3399, 0.2438, 0.3442$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 152, 144) }
```

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

```
.background{ background-color: rgb(57, 152,  
144) }
```

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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