

Converting Colors

$Yxy(25.1894, 0.2419, 0.3346)$

Have a look what the booklet for
Yxy(25.1894, 0.2419, 0.3346)
contains.

Yxy(25.2011, 0.2418, 0.3345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.2011, 0.2418, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	3B9794
RGB	59, 151, 148
RGB Percent	23%, 59%, 58%
CMY	0.7685, 0.4078, 0.4196
CMYK	0.61, 0.00, 0.02, 0.41
HSL	178°, 44%, 41%
HSV	178°, 61%, 59%
XYZ	18.2171, 25.2011, 31.9214
YIQ	123.1500, -53.8690, -20.4370

Conversions

Conversions Part 2

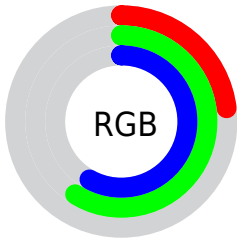
Format	Color
R_{YB}	59, 106, 151
Decimal	3905428
CIE _{Lab}	57.27, -27.54, -6.53
CIE _{LCh}	57, 28.305, 193.346
Yxy	25.2011, 0.2418, 0.3345
Android (android.graphics.Color)	4282095508 (0xFF3B9794)
YUV	123.1500, 12.2511, -56.2595
Hunter-Lab	50.2007, -23.0761, -2.5606

Details

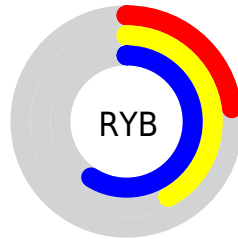
The Yxy color **25.2011, 0.2418, 0.3345** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.0595, 0.4909, 0.3249**, and the grayscale version is **19.8352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1888, 0.2567, 0.3343**, and **9.9774, 0.2271, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **24.7896, 0.2356, 0.3355**, and if you desaturate by 10%, it is **25.7481, 0.2498, 0.3335**.

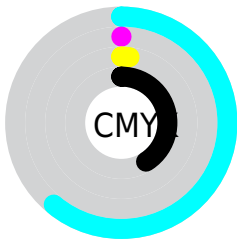
Distribution



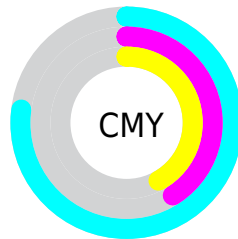
- Red (23%)
- Green (59%)
- Blue (58%)



- Red (23%)
- Yellow (42%)
- Blue (59%)



- Cyan (61%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)





- Cyan (77%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2011, 0.2418, 0.3345 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 25.2011, 0.2418, 0.3345 by changing the saturation by 10% instead.


 25.2011, 0.2418,
0.3345


 25.2011, 0.2418,
0.3345


278.8380, 0.2802,
0.3323


 16.2269, 0.2312,
0.3348


 51.9833, 0.2565,
0.3339

 9.6849, 0.2170,
0.3349


 70.5601, 0.2618,
0.3336


 5.1905, 0.1969,
0.3345

 93.1066, 0.2661,
0.3333

 2.3595, 0.1668,
0.3326

 120.0071, 0.2698,
0.3330

 0.8049, 0.0407,
0.3530

 151.6462, 0.2730,
0.3328

 0.0000, 0.0000,
0.0000

188.4080, 0.2757,

0.3326

230.6772, 0.2781,
0.3324

■ 25.2011, 0.2418,
0.3345

■ 25.2011, 0.2418,
0.3345

■ 24.7896, 0.2356,
0.3355

■ 25.7481, 0.2498,
0.3335

■ 24.4989, 0.2313,
0.3366

■ 26.4381, 0.2595,
0.3325

■ 24.3159, 0.2287,
0.3376

■ 27.2815, 0.2707,
0.3315

■ 24.2106, 0.2274,
0.3385

■ 28.2870, 0.2833,
0.3307

■ 29.4626, 0.2970,
0.3298

■ 30.8156, 0.3114,
0.3291

■ 32.3532, 0.3263,
0.3284

■ 34.0819, 0.3415,
0.3278

■ 36.0080, 0.3568,
0.3272

Harmonies

Analogous

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



25.2011, 0.2773, 0.3819



25.2011, 0.2418, 0.3345



25.2011, 0.2251, 0.2899

Triad

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



25.2011, 0.2418, 0.3345



25.2011, 0.2953, 0.2598



25.2011, 0.4017, 0.3917

Complementary

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



25.2011, 0.2418, 0.3345



10.0595, 0.4909, 0.3249

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.



25.2011, 0.4090, 0.3561



25.2011, 0.2418, 0.3345



25.2011, 0.3448, 0.2833

Square

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



25.2011, 0.2418, 0.3345



25.2011, 0.2541, 0.2514



25.2011, 0.3878, 0.3175



25.2011, 0.3699, 0.4144

Rectangle

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



25.2011, 0.2418, 0.3345



25.2011, 0.2257, 0.2686



25.2011, 0.3878, 0.3175



25.2011, 0.4073, 0.3807

Sweetspot

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



25.2021, 0.2418, 0.3345



51.1648, 0.2867, 0.3304



23.4766, 0.3059, 0.5186



11.5067, 0.2831, 0.3307



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.



25.2021, 0.2418, 0.3345



44.1867, 0.2339, 0.3359



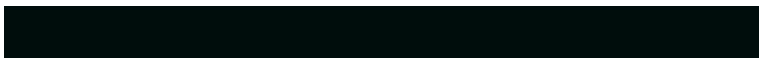
13.9084, 0.2202, 0.2400



7.0231, 0.2993, 0.3297



20.5978, 0.2274, 0.3385



0.3089, 0.2261, 0.3338

Inverse Universe

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



10.0595, 0.4909, 0.3249



14.6326, 0.5531, 0.3252



16.3891, 0.4460, 0.3994



6.2258, 0.3278, 0.3283



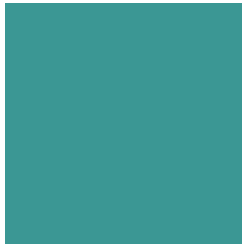
5.6072, 0.6353, 0.3273



0.0846, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 25.2011, 0.2418, 0.3345 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 25.2011, 0.2418, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

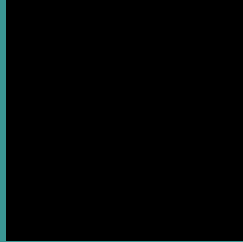
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2011, 0.2418, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 25.2011, 0.2418, 0.3345.



This preview shows how white text looks on a background with the Yxy color 25.2011, 0.2418, 0.3345.

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

25.2011, 0.2418, 0.3345

Protanopia

24.8757, 0.3118, 0.3240

Deuteranopia

24.8817, 0.3042, 0.2982



Tritanopia

25.1919, 0.2358, 0.3068

Trichromacy



Original Color

25.2011, 0.2418, 0.3345

Protanomaly

24.2540, 0.2794, 0.3271

Deuteranomaly

24.4353, 0.2742, 0.3096

Tritanomaly

25.2698, 0.2383, 0.3176

Monochromacy



Original Color

25.2011, 0.2418, 0.3345

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.1503, 0.2785, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2011, 0.2418, 0.3345 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(59, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(59, 151, 148)  
}
```

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(59, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 151, 148) }
```

Border

The CSS property to change the border of an element to Yxy 25.2011, 0.2418, 0.3345 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(59, 151, 148) }
```

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

```
.border{ border-color:rgb(59, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(59, 151,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2011, 0.2418, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 151, 148) }
```

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

```
.background{ background-color: rgb(59, 151,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor