

Converting Colors

$Y_{xy}(25.6113, 0.2390, 0.3194)$

Have a look what the booklet for
 $Y_{xy}(25.6113, 0.2390, 0.3194)$
contains.

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Color

$\text{Yxy}(25.6235, 0.2392, 0.3195)$

Conversions

Conversions Part 1

Format	Color
Hex	40979C
RGB	64, 151, 156
RGB Percent	25%, 59%, 61%
CMY	0.7489, 0.4078, 0.3882
CMYK	0.59, 0.03, 0.00, 0.39
HSL	183°, 42%, 43%
HSV	183°, 59%, 61%
XYZ	19.1835, 25.6235, 35.3917
YIQ	125.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

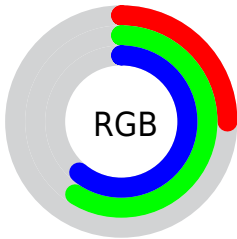
Format	Color
R _Y B	64, 109, 156
Decimal	4233116
CIE Lab	57.68, -24.29, -10.48
CIE LCh	58, 26.451, 203.346
Yxy	25.6235, 0.2392, 0.3195
Android (android.graphics.Color)	4282423196 (0xFF40979C)
YUV	125.5570, 15.0084, -53.9855
Hunter-Lab	50.6197, -20.9375, -6.0200

Details

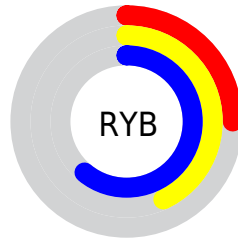
The Yxy color **25.6235, 0.2392, 0.3195** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.7008, 0.4833, 0.3372**, and the grayscale version is **20.6708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8607, 0.2545, 0.3234**, and **10.1343, 0.2208, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **24.8997, 0.2318, 0.3177**, and if you desaturate by 10%, it is **26.4976, 0.2484, 0.3213**.

Distribution



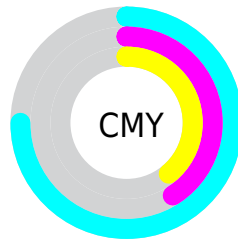
- Red (25%)
- Green (59%)
- Blue (61%)



- Red (25%)
- Yellow (43%)
- Blue (61%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)





- Cyan (75%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6235, 0.2392, 0.3195 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 25.6235, 0.2392, 0.3195 by changing the saturation by 10% instead.


 25.6235, 0.2392,
0.3195

 25.6235, 0.2392,
0.3195


280.9289, 0.2787,
0.3257


 16.5422, 0.2284,
0.3173


 52.6669, 0.2542,
0.3222


 9.9086, 0.2141,
0.3141


 71.3978, 0.2597,
0.3230

 5.3384, 0.1940,
0.3089

 94.1141, 0.2642,
0.3237

 2.4472, 0.1643,
0.2994

 121.2000, 0.2680,
0.3243

 0.8500, 0.0741,
0.2928

 153.0401, 0.2712,
0.3247

 0.0000, 0.0000,
0.0000

190.0187, 0.2741,

0.3251

232.5202, 0.2765,
0.3254

■ 25.6235, 0.2392,
0.3195

■ 25.6235, 0.2392,
0.3195

■ 24.8997, 0.2318,
0.3177

■ 26.4976, 0.2484,
0.3213

■ 24.3107, 0.2263,
0.3159

■ 27.5300, 0.2592,
0.3230

■ 23.8427, 0.2226,
0.3141

■ 28.7320, 0.2714,
0.3247

■ 23.4652, 0.2203,
0.3123

■ 30.1125, 0.2849,
0.3263

■ 23.4271, 0.2200,
0.3121

■ 31.6803, 0.2993,
0.3278

■ 33.4432, 0.3143,
0.3291

■ 35.4088, 0.3297,
0.3304

■ 37.5842, 0.3452,
0.3315

■ 39.9761, 0.3607,
0.3325

Harmonies

Analogous

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



25.6235, 0.2672, 0.3642



25.6235, 0.2392, 0.3195



25.6235, 0.2300, 0.2820

Triad

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



25.6235, 0.2392, 0.3195



25.6235, 0.3118, 0.2702



25.6235, 0.3880, 0.3966

Complementary

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



25.6235, 0.2392, 0.3195



11.7008, 0.4833, 0.3372

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.



25.6235, 0.4029, 0.3665



25.6235, 0.2392, 0.3195



25.6235, 0.3574, 0.2962

Square

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



25.6235, 0.2392, 0.3195



25.6235, 0.2695, 0.2572



25.6235, 0.3917, 0.3304



25.6235, 0.3529, 0.4106

Rectangle

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



25.6235, 0.2392, 0.3195



25.6235, 0.2349, 0.2657



25.6235, 0.3917, 0.3304



25.6235, 0.3956, 0.3878

Sweetspot

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



25.6245, 0.2392, 0.3195



54.8463, 0.2857, 0.3264



25.2967, 0.3012, 0.5057



11.9098, 0.2819, 0.3260



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.



25.6245, 0.2392, 0.3195



44.8227, 0.2297, 0.3171



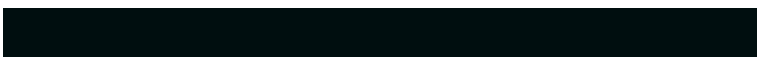
13.6807, 0.2191, 0.2269



7.4475, 0.2988, 0.3277



19.3103, 0.2201, 0.3123



0.3621, 0.2221, 0.3194

Inverse Universe

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



12.9734, 0.3263, 0.2003



19.9722, 0.3294, 0.1805



19.6142, 0.4328, 0.4096



6.7483, 0.3145, 0.3081



7.5716, 0.3348, 0.1618



0.1371, 0.3287, 0.1584

Previews

White Background



This preview shows how the Yxy color 25.6235, 0.2392, 0.3195 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 25.6235, 0.2392, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

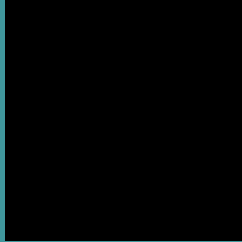
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6235, 0.2392, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 25.6235, 0.2392, 0.3195.



This preview shows how white text looks on a background with the Yxy color 25.6235, 0.2392, 0.3195.

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

25.6235, 0.2392, 0.3195

Protanopia

25.3163, 0.3027, 0.3124

Deuteranopia

25.2510, 0.2942, 0.2874



Tritanopia

25.6146, 0.2366, 0.3070

Trichromacy



Original Color

25.6235, 0.2392, 0.3195

Protanomaly

24.8630, 0.2736, 0.3148

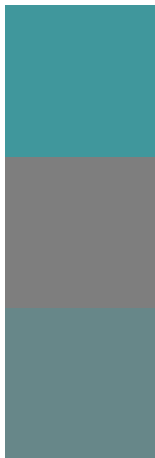
Deuteranomaly

24.7701, 0.2684, 0.2962

Tritanomaly

25.5090, 0.2373, 0.3105

Monochromacy



Original Color

25.6235, 0.2392, 0.3195

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.0177, 0.2772, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6235, 0.2392, 0.3195 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(64, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(64, 151, 156)  
}
```

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(64, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 151, 156) }
```

Border

The CSS property to change the border of an element to Yxy 25.6235, 0.2392, 0.3195 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(64, 151, 156) }
```

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

```
.border{ border-color:rgb(64, 151, 156) }
```

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

Here you see how a box with a 4 pixel rgb(64, 151, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(64, 151,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6235, 0.2392, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 151, 156) }
```

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

```
.background{ background-color: rgb(64, 151,  
156) }
```

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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