

Converting Colors

$Yxy(32.0772, 0.2436, 0.3234)$

Have a look what the booklet for
Yxy(32.0772, 0.2436, 0.3234)
contains.

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Color

Yxy(32.1594, 0.2438, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	4EA7AA
RGB	78, 167, 170
RGB Percent	31%, 65%, 67%
CMY	0.6938, 0.3451, 0.3333
CMYK	0.54, 0.02, 0.00, 0.33
HSL	182°, 37%, 49%
HSV	182°, 54%, 67%
XYZ	24.2214, 32.1594, 42.9686
YIQ	140.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

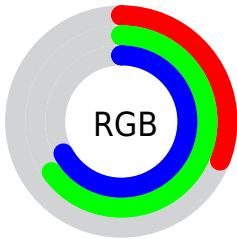
Format	Color
RYB	78, 123, 170
Decimal	5154730
CIELab	63.47, -25.56, -9.67
CIElCh	63, 27.333, 200.728
Yxy	32.1594, 0.2438, 0.3237
Android (android.graphics.Color)	4283344810 (0xFF4EA7AA)
YUV	140.7310, 14.4296, -55.0151
Hunter-Lab	56.7093, -23.0011, -5.2276

Details

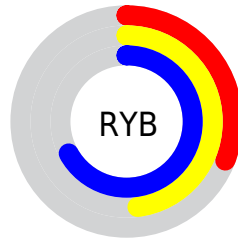
The Yxy color **32.1594, 0.2438, 0.3237** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.9974, 0.4655, 0.3339**, and the grayscale version is **26.4910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8297, 0.2572, 0.3251**, and **13.5695, 0.2226, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **31.3279, 0.2358, 0.3226**, and if you desaturate by 10%, it is **33.1799, 0.2536, 0.3248**.

Distribution



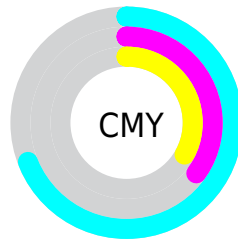
- Red (31%)
- Green (65%)
- Blue (67%)



- Red (31%)
- Yellow (48%)
- Blue (67%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)





- Cyan (69%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1594, 0.2438, 0.3237 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 32.1594, 0.2438, 0.3237 by changing the saturation by 10% instead.

 32.1594, 0.2438,
0.3237


 32.1594, 0.2438,
0.3237


311.8447, 0.2796,
0.3274

 21.4833, 0.2345,
0.3224


 63.0609, 0.2571,
0.3253

 13.4777, 0.2223,
0.3205


 84.0551, 0.2620,
0.3258

 7.7583, 0.2057,
0.3174


 109.2574, 0.2661,
0.3262

 3.9407, 0.1819,
0.3120

 139.0522, 0.2696,
0.3265

 1.6404, 0.1457,
0.3012

 173.8239, 0.2727,
0.3268

 0.3846, 0.0000,
0.2589

213.9570, 0.2753,

 0.0000, 0.0000,

0.3270

0.0000

259.8358, 0.2776,
0.3272

■ 32.1594, 0.2438,
0.3237

■ 32.1594, 0.2438,
0.3237

■ 31.3279, 0.2358,
0.3226

■ 33.1799, 0.2536,
0.3248

■ 30.6671, 0.2297,
0.3215

■ 34.3989, 0.2649,
0.3258

■ 30.1615, 0.2255,
0.3204

■ 35.8293, 0.2777,
0.3268

■ 29.7908, 0.2229,
0.3194

■ 37.4822, 0.2917,
0.3278

■ 29.6070, 0.2219,
0.3188

■ 39.3678, 0.3065,
0.3287

■ 41.4955, 0.3219,
0.3295

■ 43.8745, 0.3376,
0.3302

■ 46.5133, 0.3533,
0.3309

■ 49.4200, 0.3689,
0.3315

Harmonies

Analogous

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



32.1594, 0.2722, 0.3663



32.1594, 0.2438, 0.3237



32.1594, 0.2332, 0.2866

Triad

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



32.1594, 0.2438, 0.3237



32.1594, 0.3080, 0.2708



32.1594, 0.3870, 0.3919

Complementary

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



32.1594, 0.2438, 0.3237



14.9974, 0.4655, 0.3339

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.



32.1594, 0.3992, 0.3623



32.1594, 0.2438, 0.3237



32.1594, 0.3519, 0.2950

Square

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



32.1594, 0.2438, 0.3237



32.1594, 0.2682, 0.2596



32.1594, 0.3863, 0.3275



32.1594, 0.3548, 0.4068

Rectangle

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



32.1594, 0.2438, 0.3237



32.1594, 0.2368, 0.2700



32.1594, 0.3863, 0.3275



32.1594, 0.3937, 0.3832

Sweetspot

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



32.1606, 0.2438, 0.3237



67.2951, 0.2885, 0.3276



30.9516, 0.3038, 0.4960



14.8706, 0.2857, 0.3274



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.1606, 0.2438, 0.3237



56.5528, 0.2344, 0.3224



18.5702, 0.2272, 0.2421



8.4891, 0.2987, 0.3282



21.7912, 0.2219, 0.3189



0.5428, 0.2229, 0.3224

Inverse Universe

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



16.7962, 0.3225, 0.2061



25.9202, 0.3247, 0.1857



23.9122, 0.4243, 0.4000



7.6623, 0.3142, 0.3075



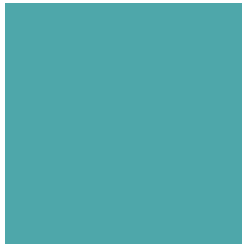
8.2709, 0.3292, 0.1587



0.2025, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 32.1594, 0.2438, 0.3237 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.1594, 0.2438, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

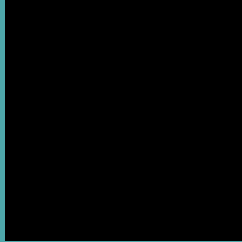
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1594, 0.2438, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 32.1594, 0.2438, 0.3237.

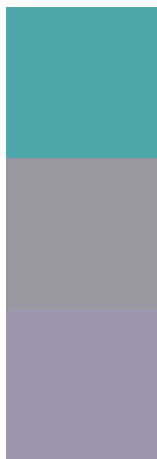


This preview shows how white text looks on a background with the Yxy color 32.1594, 0.2438, 0.3237.

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

32.1594, 0.2438, 0.3237

Protanopia

31.8020, 0.3054, 0.3154

Deuteranopia

31.8200, 0.2987, 0.2925



Tritanopia

32.2764, 0.2397, 0.3074

Trichromacy



Original Color

32.1594, 0.2438, 0.3237

Protanomaly

31.2299, 0.2784, 0.3177

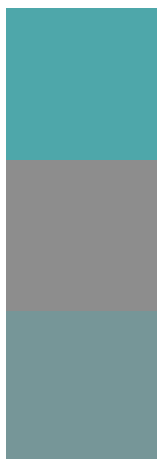
Deuteranomaly

31.4612, 0.2738, 0.3024

Tritanomaly

32.1125, 0.2409, 0.3122

Monochromacy



Original Color

32.1594, 0.2438, 0.3237

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.9312, 0.2802, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1594, 0.2438, 0.3237 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(78, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(78, 167, 170)  
}
```

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(78, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 167, 170) }
```

Border

The CSS property to change the border of an element to Yxy 32.1594, 0.2438, 0.3237 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(78, 167, 170) }
```

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

```
.border{ border-color:rgb(78, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(78, 167,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1594, 0.2438, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 167, 170) }
```

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

```
.background{ background-color: rgb(78, 167,  
170) }
```

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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