

Converting Colors

$Y_{xy}(32.6592, 0.2482, 0.3275)$

Have a look what the booklet for
Yxy(32.6592, 0.2482, 0.3275)
contains.

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Color

Yxy(32.7547, 0.2479, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	54A8A9
RGB	84, 168, 169
RGB Percent	33%, 66%, 66%
CMY	0.6704, 0.3412, 0.3372
CMYK	0.50, 0.01, 0.00, 0.34
HSL	181°, 34%, 50%
HSV	181°, 50%, 66%
XYZ	24.8239, 32.7547, 42.5581
YIQ	142.9980, -50.3850, -17.4970

Conversions

Conversions Part 2

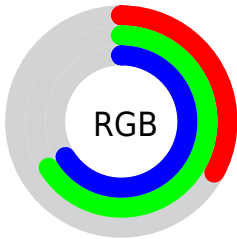
Format	Color
RYB	84, 126, 169
Decimal	5548201
CIELab	63.96, -25.06, -8.37
CIElCh	64, 26.417, 198.461
Yxy	32.7547, 0.2479, 0.3271
Android (android.graphics.Color)	4283738281 (0xFF54A8A9)
YUV	142.9980, 12.8190, -51.7412
Hunter-Lab	57.2317, -22.7323, -4.0264

Details

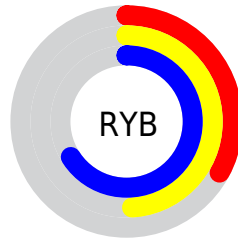
The Yxy color **32.7547, 0.2479, 0.3271** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.5843, 0.4506, 0.3309**, and the grayscale version is **27.4350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7326, 0.2604, 0.3276**, and **13.9037, 0.2278, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **31.9926, 0.2395, 0.3267**, and if you desaturate by 10%, it is **33.7077, 0.2581, 0.3275**.

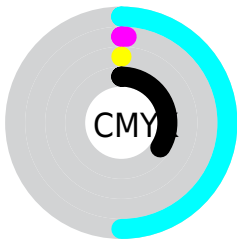
Distribution



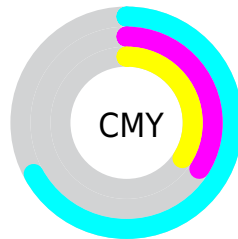
- Red (33%)
- Green (66%)
- Blue (66%)



- Red (33%)
- Yellow (49%)
- Blue (66%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)




- Cyan (67%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7547, 0.2479, 0.3271 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 32.7547, 0.2479, 0.3271 by changing the saturation by 10% instead.


 32.7547, 0.2479,
0.3271


 32.7547, 0.2479,
0.3271


314.5429, 0.2816,
0.3288


 21.9386, 0.2391,
0.3264


 63.9924, 0.2604,
0.3279

 13.8118, 0.2276,
0.3252


 85.1827, 0.2650,
0.3282

 7.9899, 0.2120,
0.3232


 110.5999, 0.2689,
0.3284

 4.0885, 0.1896,
0.3196

 140.6284, 0.2722,
0.3285

 1.7232, 0.1552,
0.3119

175.6526, 0.2750,
0.3286

 0.4386, 0.0000,
0.2916

216.0568, 0.2775,

 0.0000, 0.0000,

0.3287

0.0000

262.2254, 0.2797,
0.3288

■ 32.7547, 0.2479,
0.3271

■ 32.7547, 0.2479,
0.3271

■ 31.9926, 0.2395,
0.3267

■ 33.7077, 0.2581,
0.3275

■ 31.4037, 0.2329,
0.3263

■ 34.8601, 0.2699,
0.3279

■ 30.9738, 0.2282,
0.3259

■ 36.2245, 0.2830,
0.3283

■ 30.6844, 0.2253,
0.3255

■ 37.8115, 0.2972,
0.3287

■ 30.4980, 0.2237,
0.3251

■ 39.6308, 0.3123,
0.3290

■ 41.6916, 0.3279,
0.3293

■ 44.0027, 0.3437,
0.3296

■ 46.5723, 0.3595,
0.3299

■ 49.4083, 0.3751,
0.3301

Harmonies

Analogous

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



32.7547, 0.2764, 0.3676



32.7547, 0.2479, 0.3271



32.7547, 0.2362, 0.2907

Triad

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



32.7547, 0.2479, 0.3271



32.7547, 0.3051, 0.2716



32.7547, 0.3859, 0.3878

Complementary

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



32.7547, 0.2479, 0.3271



15.5843, 0.4506, 0.3309

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.



32.7547, 0.3957, 0.3588



32.7547, 0.2479, 0.3271



32.7547, 0.3474, 0.2941

Square

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



32.7547, 0.2479, 0.3271



32.7547, 0.2675, 0.2619



32.7547, 0.3815, 0.3251



32.7547, 0.3561, 0.4033

Rectangle

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



32.7547, 0.2479, 0.3271



32.7547, 0.2388, 0.2737



32.7547, 0.3815, 0.3251



32.7547, 0.3917, 0.3792

Sweetspot

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



32.7560, 0.2479, 0.3271



66.2336, 0.2900, 0.3285



30.9098, 0.3054, 0.4852



14.3131, 0.2872, 0.3284



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.7560, 0.2479, 0.3271



57.1888, 0.2389, 0.3267



19.8092, 0.2336, 0.2521



8.5164, 0.2987, 0.3287



22.7308, 0.2237, 0.3252



0.5577, 0.2240, 0.3264

Inverse Universe

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



17.6109, 0.3196, 0.2115



27.0875, 0.3209, 0.1915



24.1350, 0.4156, 0.3935



7.6650, 0.3139, 0.3070



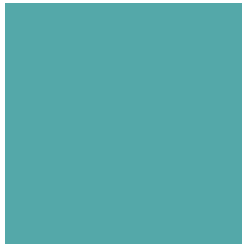
8.3657, 0.3239, 0.1558



0.2040, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 32.7547, 0.2479, 0.3271 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 32.7547, 0.2479, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

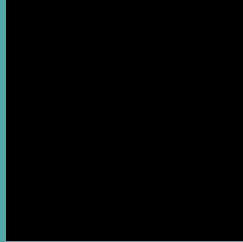
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7547, 0.2479, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 32.7547, 0.2479, 0.3271.

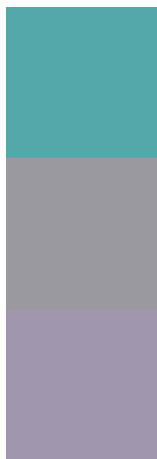


This preview shows how white text looks on a background with the Yxy color 32.7547, 0.2479, 0.3271.

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

32.7547, 0.2479, 0.3271

Protanopia

32.2891, 0.3083, 0.3185

Deuteranopia

32.3034, 0.3015, 0.2956



Tritanopia

32.6424, 0.2428, 0.3061

Trichromacy



Original Color

32.7547, 0.2479, 0.3271

Protanomaly

31.7652, 0.2818, 0.3210

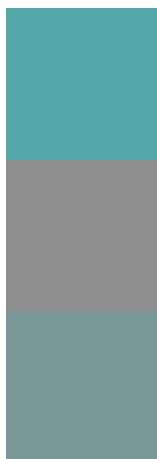
Deuteranomaly

31.9980, 0.2772, 0.3056

Tritanomaly

32.7983, 0.2450, 0.3140

Monochromacy



Original Color

32.7547, 0.2479, 0.3271

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.8610, 0.2840, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7547, 0.2479, 0.3271 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(84, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(84, 168, 169)  
}
```

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(84, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 168, 169) }
```

Border

The CSS property to change the border of an element to Yxy 32.7547, 0.2479, 0.3271 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(84, 168, 169) }
```

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

```
.border{ border-color:rgb(84, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(84, 168,  
169) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.7547, 0.2479, 0.3271$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 168, 169) }
```

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

```
.background{ background-color: rgb(84, 168,  
169) }
```

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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