

Converting Colors

$Yxy(24.5037, 0.2488, 0.3274)$

Have a look what the booklet for
Yxy(24.5037, 0.2488, 0.3274)
contains.

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Color

$\text{Yxy}(24.4614, 0.2486, 0.3269)$

Conversions

Conversions Part 1

Format	Color
Hex	4A9394
RGB	74, 147, 148
RGB Percent	29%, 58%, 58%
CMY	0.7099, 0.4235, 0.4195
CMYK	0.50, 0.01, 0.00, 0.42
HSL	181°, 33%, 44%
HSV	181°, 50%, 58%
XYZ	18.6023, 24.4614, 31.7647
YIQ	125.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

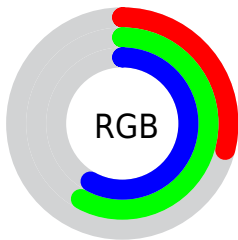
Format	Color
R_{YB}	74, 111, 148
Decimal	4887444
CIE _{Lab}	56.55, -22.40, -7.56
CIE _{LCh}	57, 23.645, 198.658
Yxy	24.4614, 0.2486, 0.3269
Android (android.graphics.Color)	4283077524 (0xFF4A9394)
YUV	125.2870, 11.1975, -44.9787
Hunter-Lab	49.4585, -19.4148, -3.4580

Details

The Yxy color **24.4614, 0.2486, 0.3269** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.8217, 0.4472, 0.3311**, and the grayscale version is **20.5811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7047, 0.2622, 0.3275**, and **9.2804, 0.2261, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **23.8797, 0.2401, 0.3264**, and if you desaturate by 10%, it is **25.1833, 0.2588, 0.3274**.

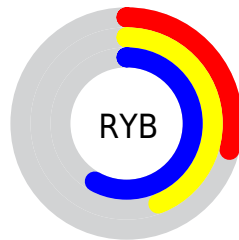
Distribution



Red (29%)

Green (58%)

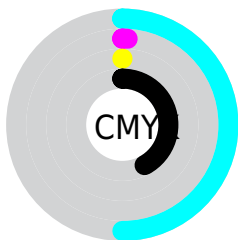
Blue (58%)



Red (29%)

Yellow (44%)

Blue (58%)

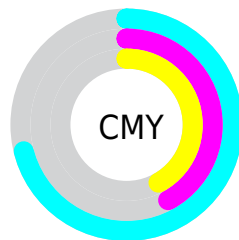


Cyan (50%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (71%)


Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4614, 0.2486, 0.3269 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 24.4614, 0.2486, 0.3269 by changing the saturation by 10% instead.


 24.4614, 0.2486,
0.3269


 24.4614, 0.2486,
0.3269


275.1449, 0.2835,
0.3288


 15.6762, 0.2389,
0.3260


 50.7821, 0.2620,
0.3278

 9.2953, 0.2258,
0.3246


 69.0864, 0.2668,
0.3281


 4.9343, 0.2071,
0.3221

 91.3326, 0.2708,
0.3283

 2.2088, 0.1787,
0.3169

 117.9050, 0.2741,
0.3284

 0.7248, 0.0637,
0.3250

 149.1881, 0.2770,
0.3286

 0.0000, 0.0000,
0.0000

185.5661, 0.2794,

0.3287

227.4236, 0.2816,
0.3287

■ 24.4614, 0.2486,
0.3269

■ 24.4614, 0.2486,
0.3269

■ 23.8797, 0.2401,
0.3264

■ 25.1833, 0.2588,
0.3274

■ 23.4256, 0.2334,
0.3260

■ 26.0514, 0.2706,
0.3278

■ 23.0888, 0.2285,
0.3255

■ 27.0750, 0.2837,
0.3282

■ 22.8563, 0.2254,
0.3251

■ 28.2614, 0.2978,
0.3286

■ 22.6944, 0.2235,
0.3247

■ 29.6178, 0.3127,
0.3290

■ 31.1509, 0.3281,
0.3293

■ 32.8668, 0.3437,
0.3297

■ 34.7716, 0.3594,
0.3300

■ 36.8710, 0.3748,
0.3302

Harmonies

Analogous

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



24.4614, 0.2767, 0.3668



24.4614, 0.2486, 0.3269



24.4614, 0.2372, 0.2910

Triad

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



24.4614, 0.2486, 0.3269



24.4614, 0.3055, 0.2724



24.4614, 0.3848, 0.3873

Complementary

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



24.4614, 0.2486, 0.3269



11.8217, 0.4472, 0.3311

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.



24.4614, 0.3946, 0.3587



24.4614, 0.2486, 0.3269



24.4614, 0.3472, 0.2947

Square

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



24.4614, 0.2486, 0.3269



24.4614, 0.2683, 0.2627



24.4614, 0.3807, 0.3254



24.4614, 0.3553, 0.4023

Rectangle

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



24.4614, 0.2486, 0.3269



24.4614, 0.2398, 0.2743



24.4614, 0.3807, 0.3254



24.4614, 0.3906, 0.3788

Sweetspot

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



24.4623, 0.2486, 0.3269



48.7127, 0.2902, 0.3284



23.1340, 0.3055, 0.4825



11.0302, 0.2875, 0.3283



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.4623, 0.2486, 0.3269



42.0187, 0.2392, 0.3264



14.9612, 0.2348, 0.2536



6.5488, 0.2990, 0.3287



19.3833, 0.2235, 0.3247



0.2408, 0.2241, 0.3269

Inverse Universe

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



13.2982, 0.3196, 0.2133



20.0506, 0.3210, 0.1926



18.1593, 0.4136, 0.3925



5.9078, 0.3139, 0.3075



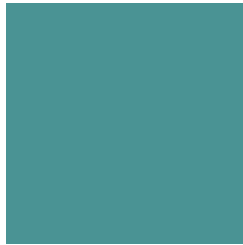
7.1501, 0.3243, 0.1560



0.0879, 0.3225, 0.1550

Previews

White Background



This preview shows how the Yxy color 24.4614, 0.2486, 0.3269 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 24.4614, 0.2486, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

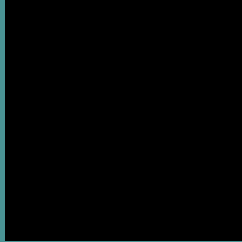
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4614, 0.2486, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 24.4614, 0.2486, 0.3269.

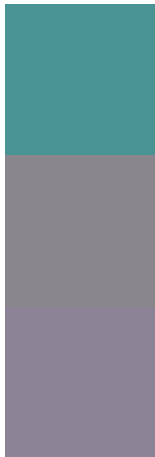


This preview shows how white text looks on a background with the Yxy color 24.4614, 0.2486, 0.3269.

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

24.4614, 0.2486, 0.3269

Protanopia

24.1779, 0.3087, 0.3188

Deuteranopia

24.0424, 0.3020, 0.2961



Tritanopia

24.5699, 0.2440, 0.3086

Trichromacy



Original Color

24.4614, 0.2486, 0.3269

Protanomaly

23.9591, 0.2820, 0.3218

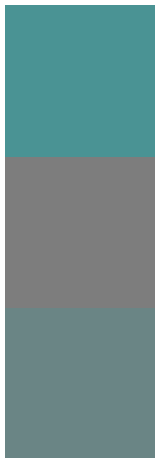
Deuteranomaly

23.8063, 0.2784, 0.3061

Tritanomaly

24.4274, 0.2454, 0.3140

Monochromacy



Original Color

24.4614, 0.2486, 0.3269

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.5327, 0.2836, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4614, 0.2486, 0.3269 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(74, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(74, 147, 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(74, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 147, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.4614, 0.2486, 0.3269 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(74, 147, 148) }
```

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

```
.border{ border-color:rgb(74, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(74, 147,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4614, 0.2486, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 147, 148) }
```

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

```
.background{ background-color: rgb(74, 147,  
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](#).

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