

Converting Colors

$Yxy(24.4926, 0.2449, 0.3356)$

Have a look what the booklet for
Yxy(24.4926, 0.2449, 0.3356)
contains.

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Color

$Y_{xy}(24.5960, 0.2450, 0.3365)$

Conversions

Conversions Part 1

Format	Color
Hex	3F9591
RGB	63, 149, 145
RGB Percent	25%, 58%, 57%
CMY	0.7529, 0.4157, 0.4314
CMYK	0.58, 0.00, 0.03, 0.42
HSL	177°, 41%, 42%
HSV	177°, 58%, 58%
XYZ	17.9079, 24.5960, 30.5897
YIQ	122.8300, -49.9720, -19.4760

Conversions

Conversions Part 2

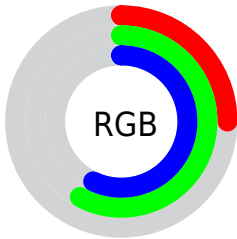
Format	Color
R _{YB}	63, 107, 149
Decimal	4167057
CIE _{Lab}	56.68, -26.63, -5.68
CIE _{LCh}	57, 27.232, 192.038
Y _{xy}	24.5960, 0.2450, 0.3365
Android (android.graphics.Color)	4282357137 (0xFF3F9591)
YUV	122.8300, 10.9298, -52.4709
Hunter-Lab	49.5944, -22.3359, -1.8539

Details

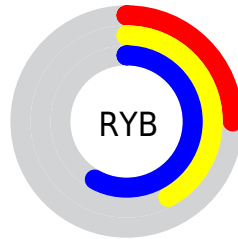
The Yxy color **24.5960, 0.2450, 0.3365** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.3508, 0.4739, 0.3230**, and the grayscale version is **19.7248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7573, 0.2587, 0.3344**, and **9.5616, 0.2271, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **24.1496, 0.2383, 0.3380**, and if you desaturate by 10%, it is **25.1772, 0.2535, 0.3350**.

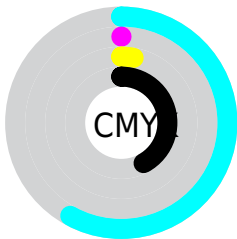
Distribution



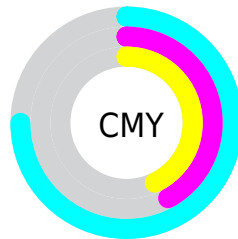
- Red (25%)
- Green (58%)
- Blue (57%)



- Red (25%)
- Yellow (42%)
- Blue (58%)



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)




- Cyan (75%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5960, 0.2450, 0.3365 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 24.5960, 0.2450, 0.3365 by changing the saturation by 10% instead.


 24.5960, 0.2450,
0.3365


 24.5960, 0.2450,
0.3365


275.8200, 0.2818,
0.3331


 15.7763, 0.2347,
0.3372


 51.0011, 0.2592,
0.3354

 9.3660, 0.2209,
0.3379


 69.3552, 0.2642,
0.3349


 4.9807, 0.2012,
0.3384

 91.6563, 0.2684,
0.3345

 2.2359, 0.1713,
0.3379

 118.2888, 0.2720,
0.3341

 0.7395, 0.0262,
0.3671

 149.6370, 0.2750,
0.3338

 0.0000, 0.0000,
0.0000

186.0853, 0.2776,

0.3335

228.0182, 0.2798,
0.3333

■ 24.5960, 0.2450,
0.3365

■ 24.5960, 0.2450,
0.3365

■ 24.1496, 0.2383,
0.3380

■ 25.1772, 0.2535,
0.3350

■ 23.8242, 0.2335,
0.3395

■ 25.9001, 0.2636,
0.3336

■ 23.6079, 0.2305,
0.3410

■ 26.7746, 0.2751,
0.3323

■ 23.4773, 0.2289,
0.3425

■ 27.8087, 0.2879,
0.3310

■ 23.4506, 0.2286,
0.3428

■ 29.0100, 0.3016,
0.3298

■ 30.3856, 0.3161,
0.3288

■ 31.9422, 0.3309,
0.3278

■ 33.6859, 0.3459,
0.3269

■ 35.6230, 0.3608,
0.3262

Harmonies

Analogous

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



24.5960, 0.2802, 0.3820



24.5960, 0.2450, 0.3365



24.5960, 0.2278, 0.2929

Triad

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



24.5960, 0.2450, 0.3365



24.5960, 0.2939, 0.2610



24.5960, 0.4000, 0.3887

Complementary

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



24.5960, 0.2450, 0.3365



10.3508, 0.4739, 0.3230

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.



24.5960, 0.4058, 0.3539



24.5960, 0.2450, 0.3365



24.5960, 0.3418, 0.2834

Square

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



24.5960, 0.2450, 0.3365



24.5960, 0.2543, 0.2535



24.5960, 0.3840, 0.3163



24.5960, 0.3700, 0.4113

Rectangle

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



24.5960, 0.2450, 0.3365



24.5960, 0.2278, 0.2715



24.5960, 0.3840, 0.3163



24.5960, 0.4050, 0.3779

Sweetspot

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



24.5969, 0.2450, 0.3365



49.8740, 0.2884, 0.3310



23.0588, 0.3076, 0.5073



10.9749, 0.2861, 0.3312



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.



24.5969, 0.2450, 0.3365



43.0700, 0.2369, 0.3384



14.4445, 0.2253, 0.2488



6.5576, 0.2996, 0.3300



19.7374, 0.2285, 0.3427



0.2427, 0.2264, 0.3352

Inverse Universe

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



10.3508, 0.4739, 0.3230



15.0798, 0.5313, 0.3229



16.1935, 0.4384, 0.3941



5.8195, 0.3275, 0.3280



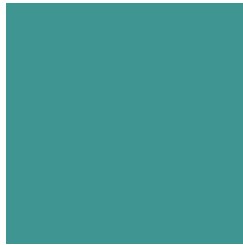
5.3918, 0.6331, 0.3261



0.0669, 0.6008, 0.3084

Previews

White Background



This preview shows how the Yxy color 24.5960, 0.2450, 0.3365 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 24.5960, 0.2450, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

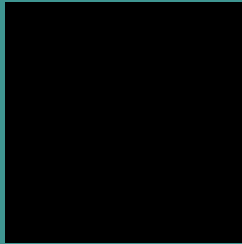
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5960, 0.2450, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 24.5960, 0.2450, 0.3365.

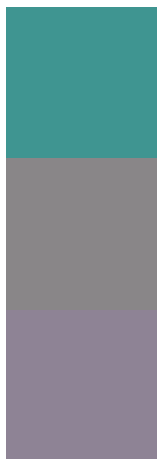


This preview shows how white text looks on a background with the Yxy color 24.5960, 0.2450, 0.3365.

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

24.5960, 0.2450, 0.3365

Protanopia

24.1461, 0.3140, 0.3256

Deuteranopia

24.1533, 0.3062, 0.2995



Tritanopia

24.6358, 0.2383, 0.3067

Trichromacy



Original Color

24.5960, 0.2450, 0.3365

Protanomaly

23.6443, 0.2827, 0.3289

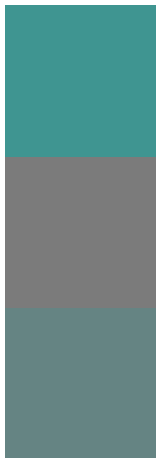
Deuteranomaly

23.8258, 0.2775, 0.3112

Tritanomaly

24.7062, 0.2409, 0.3176

Monochromacy



Original Color

24.5960, 0.2450, 0.3365

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.9079, 0.2803, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5960, 0.2450, 0.3365 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(63, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(63, 149, 145)  
}
```

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(63, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 149, 145) }
```

Border

The CSS property to change the border of an element to Yxy 24.5960, 0.2450, 0.3365 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(63, 149, 145) }
```

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

```
.border{ border-color:rgb(63, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(63, 149,  
145) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.5960, 0.2450, 0.3365$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 149, 145) }
```

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

```
.background{ background-color: rgb(63, 149,  
145) }
```

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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