

Converting Colors

$Yxy(24.1571, 0.2449, 0.3385)$

Have a look what the booklet for
Yxy(24.1571, 0.2449, 0.3385)
contains.

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Color

Yxy(24.1551, 0.2449, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	3D948F
RGB	61, 148, 143
RGB Percent	24%, 58%, 56%
CMY	0.7605, 0.4196, 0.4392
CMYK	0.59, 0.00, 0.03, 0.42
HSL	177°, 42%, 41%
HSV	177°, 59%, 58%
XYZ	17.4759, 24.1551, 29.7283
YIQ	121.4170, -50.2470, -19.9990

Conversions

Conversions Part 2

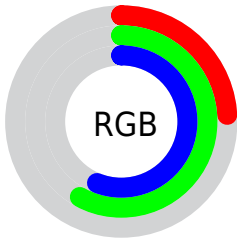
Format	Color
RYB	61, 106, 148
Decimal	4035727
CIELab	56.24, -27.07, -5.19
CIELCh	56, 27.567, 190.854
Yxy	24.1551, 0.2449, 0.3385
Android (android.graphics.Color)	4282225807 (0xFF3D948F)
YUV	121.4170, 10.6404, -52.9857
Hunter-Lab	49.1478, -22.5381, -1.4595

Details

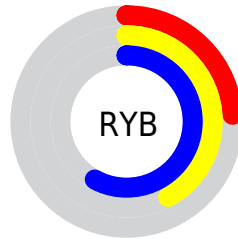
The Yxy color **24.1551, 0.2449, 0.3385** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.0357, 0.4762, 0.3214**, and the grayscale version is **19.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1238, 0.2591, 0.3358**, and **9.3397, 0.2280, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **23.7231, 0.2385, 0.3404**, and if you desaturate by 10%, it is **24.7188, 0.2531, 0.3367**.

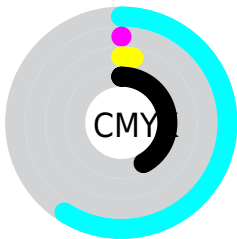
Distribution



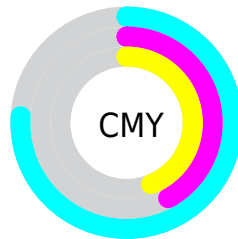
- Red (24%)
- Green (58%)
- Blue (56%)



- Red (24%)
- Yellow (42%)
- Blue (58%)



- Cyan (59%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)





- Cyan (76%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1551, 0.2449, 0.3385 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 24.1551, 0.2449, 0.3385 by changing the saturation by 10% instead.


 24.1551, 0.2449,
0.3385

 24.1551, 0.2449,
0.3385


273.6037, 0.2819,
0.3339


 15.4487, 0.2345,
0.3395


 50.2832, 0.2592,
0.3369


 9.1349, 0.2205,
0.3407


 68.4737, 0.2643,
0.3363


 4.8293, 0.2005,
0.3419

 90.5943, 0.2685,
0.3357

 2.1474, 0.1700,
0.3425

 117.0295, 0.2720,
0.3353

 0.6911, 0.0000,
0.3809

 148.1636, 0.2750,
0.3349

 0.0000, 0.0000,
0.0000

184.3811, 0.2777,

0.3345

226.0663, 0.2799,
0.3342

■ 24.1551, 0.2449,
0.3385

■ 24.1551, 0.2449,
0.3385

■ 23.7231, 0.2385,
0.3404

■ 24.7188, 0.2531,
0.3367

■ 23.4091, 0.2339,
0.3422

■ 25.4212, 0.2630,
0.3349

■ 23.2012, 0.2311,
0.3441

■ 26.2719, 0.2743,
0.3332

■ 23.0720, 0.2297,
0.3459

■ 27.2790, 0.2868,
0.3316

■ 23.0567, 0.2295,
0.3462

■ 28.4500, 0.3004,
0.3302

■ 29.7919, 0.3146,
0.3288

■ 31.3113, 0.3292,
0.3276

■ 33.0144, 0.3440,
0.3265

■ 34.9072, 0.3588,
0.3256

Harmonies

Analogous

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



24.1551, 0.2813, 0.3846



24.1551, 0.2449, 0.3385



24.1551, 0.2267, 0.2936

Triad

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



24.1551, 0.2449, 0.3385



24.1551, 0.2917, 0.2592



24.1551, 0.4023, 0.3884

Complementary

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



24.1551, 0.2449, 0.3385



10.0357, 0.4762, 0.3214

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.



24.1551, 0.4071, 0.3527



24.1551, 0.2449, 0.3385



24.1551, 0.3404, 0.2815

Square

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



24.1551, 0.2449, 0.3385



24.1551, 0.2520, 0.2523



24.1551, 0.3840, 0.3146



24.1551, 0.3726, 0.4123

Rectangle

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



24.1551, 0.2449, 0.3385



24.1551, 0.2261, 0.2715



24.1551, 0.3840, 0.3146



24.1551, 0.4070, 0.3773

Sweetspot

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



24.1560, 0.2449, 0.3385



48.2072, 0.2873, 0.3316



22.7048, 0.3086, 0.5099



10.8889, 0.2838, 0.3320



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.



24.1560, 0.2449, 0.3385



41.6939, 0.2371, 0.3409



14.3563, 0.2247, 0.2503



6.5565, 0.2997, 0.3302



19.6971, 0.2295, 0.3461



0.2425, 0.2269, 0.3367

Inverse Universe

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



10.0357, 0.4762, 0.3214



14.4547, 0.5333, 0.3214



15.5084, 0.4429, 0.3926



5.8205, 0.3274, 0.3278



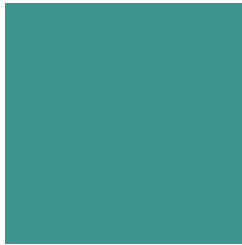
5.3951, 0.6315, 0.3253



0.0671, 0.5926, 0.3038

Previews

White Background



This preview shows how the Yxy color 24.1551, 0.2449, 0.3385 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 24.1551, 0.2449, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

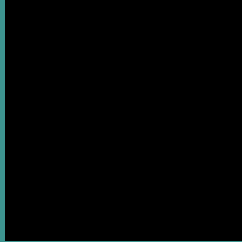
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1551, 0.2449, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 24.1551, 0.2449, 0.3385.



This preview shows how white text looks on a background with the Yxy color 24.1551, 0.2449, 0.3385.

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

24.1551, 0.2449, 0.3385

Protanopia

23.7305, 0.3151, 0.3273

Deuteranopia

23.7346, 0.3072, 0.3009



Tritanopia

24.2197, 0.2375, 0.3065

Trichromacy



Original Color

24.1551, 0.2449, 0.3385

Protanomaly

23.2343, 0.2834, 0.3308

Deuteranomaly

23.4114, 0.2781, 0.3128

Tritanomaly

24.2912, 0.2400, 0.3175

Monochromacy



Original Color

24.1551, 0.2449, 0.3385

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.4702, 0.2800, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1551, 0.2449, 0.3385 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(61, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(61, 148, 143)  
}
```

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(61, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 148, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.1551, 0.2449, 0.3385 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(61, 148, 143) }
```

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

```
.border{ border-color:rgb(61, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(61, 148,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1551, 0.2449, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 148, 143) }
```

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

```
.background{ background-color: rgb(61, 148,  
143) }
```

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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