

Converting Colors

$Yxy(24.9144, 0.2700, 0.4165)$

Have a look what the booklet for
Yxy(24.9144, 0.2700, 0.4165)
contains.

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Color

Yxy(24.9004, 0.2700, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	3D996E
RGB	61, 153, 110
RGB Percent	24%, 60%, 43%
CMY	0.7608, 0.4000, 0.5686
CMYK	0.60, 0.00, 0.28, 0.40
HSL	152°, 43%, 42%
HSV	152°, 60%, 60%
XYZ	16.1303, 24.9004, 18.7111
YIQ	120.5900, -41.0290, -32.8770

Conversions

Conversions Part 2

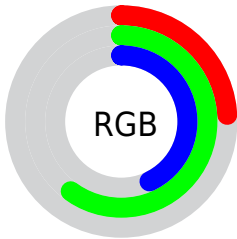
Format	Color
RYB	61, 121, 153
Decimal	4036974
CIELab	56.98, -37.74, 14.63
CIElCh	57, 40.474, 158.807
Yxy	24.9004, 0.2700, 0.4168
Android (android.graphics.Color)	4282227054 (0xFF3D996E)
YUV	120.5900, -5.2209, -52.2604
Hunter-Lab	49.9003, -29.6253, 12.6982

Details

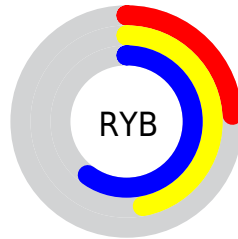
The Yxy color **24.9004, 0.2700, 0.4168** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.1086, 0.4049, 0.2599**, and the grayscale version is **19.0086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5023, 0.2798, 0.3958**, and **9.6552, 0.2592, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **24.3337, 0.2670, 0.4346**, and if you desaturate by 10%, it is **25.6202, 0.2747, 0.3995**.

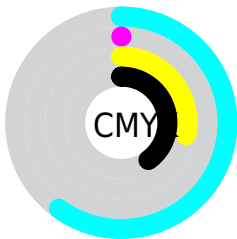
Distribution



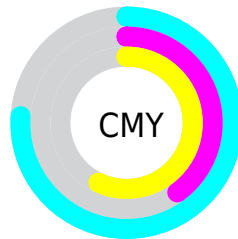
- Red (24%)
- Green (60%)
- Blue (43%)



- Red (24%)
- Yellow (47%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9004, 0.2700, 0.4168 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 24.9004, 0.2700, 0.4168 by changing the saturation by 10% instead.


 24.9004, 0.2700,
0.4168


 24.9004, 0.2700,
0.4168


277.3416, 0.2947,
0.3659


 16.0029, 0.2624,
0.4325


 51.4956, 0.2800,
0.3963


 9.5262, 0.2515,
0.4550


 69.9620, 0.2834,
0.3892

 5.0860, 0.2349,
0.4895

 92.3869, 0.2862,
0.3835

 2.2978, 0.2067,
0.5486

 119.1546, 0.2885,
0.3788

 0.7725, 0.0000,
1.0000

 150.6496, 0.2904,
0.3748

 0.0000, 0.0000,
0.0000

187.2561, 0.2920,

0.3714

229.3586, 0.2935,
0.3685

■ 24.9004, 0.2700,
0.4168

■ 24.9004, 0.2700,
0.4168

■ 24.3337, 0.2670,
0.4346

■ 25.6202, 0.2747,
0.3995

■ 23.9047, 0.2658,
0.4526

■ 26.5010, 0.2807,
0.3830

■ 23.5998, 0.2665,
0.4703

■ 27.5539, 0.2878,
0.3677

■ 23.3853, 0.2687,
0.4872

■ 28.7879, 0.2957,
0.3535

■ 30.2115, 0.3040,
0.3407

■ 31.8327, 0.3126,
0.3291

■ 33.6588, 0.3212,
0.3189

■ 35.6969, 0.3298,
0.3097

■ 37.9538, 0.3381,
0.3017

Harmonies

Analogous

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



24.9004, 0.3362, 0.4552



24.9004, 0.2700, 0.4168



24.9004, 0.2187, 0.3460

Triad

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



24.9004, 0.2700, 0.4168



24.9004, 0.2239, 0.2222



24.9004, 0.4489, 0.3546

Complementary

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



24.9004, 0.2700, 0.4168



11.1086, 0.4049, 0.2599

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.



24.9004, 0.4128, 0.3033



24.9004, 0.2700, 0.4168



24.9004, 0.2770, 0.2310

Square

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



24.9004, 0.2700, 0.4168



24.9004, 0.1954, 0.2372



24.9004, 0.3468, 0.2598



24.9004, 0.4423, 0.4060

Rectangle

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



24.9004, 0.2700, 0.4168



24.9004, 0.1987, 0.2993



24.9004, 0.3468, 0.2598



24.9004, 0.4414, 0.3371

Sweetspot

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



24.9014, 0.2700, 0.4168



51.9822, 0.2971, 0.3512



26.1518, 0.3432, 0.4956



11.3359, 0.2949, 0.3548



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.9014, 0.2700, 0.4168



43.2984, 0.2664, 0.4406



25.5765, 0.2398, 0.3259



6.9778, 0.3048, 0.3396



19.3335, 0.2683, 0.4860



0.2964, 0.2481, 0.4132

Inverse Universe

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



11.1086, 0.4049, 0.2599



16.3472, 0.4375, 0.2512



10.6123, 0.4920, 0.3319



6.2683, 0.3214, 0.3186



5.9850, 0.5049, 0.2555



0.0967, 0.4138, 0.2053

Previews

White Background



This preview shows how the Yxy color 24.9004, 0.2700, 0.4168 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 24.9004, 0.2700, 0.4168 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 24.9004, 0.2700, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 24.9004, 0.2700, 0.4168.



This preview shows how white text looks on a background with the Yxy color 24.9004, 0.2700, 0.4168.

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

24.9004, 0.2700, 0.4168

Protanopia

24.5874, 0.3599, 0.3867

Deuteranopia

24.5383, 0.3606, 0.3551



Tritanopia

24.9484, 0.2430, 0.3070

Trichromacy



Original Color

24.9004, 0.2700, 0.4168

Protanomaly

23.9433, 0.3189, 0.3985

Deuteranomaly

23.7224, 0.3192, 0.3768

Tritanomaly

24.7576, 0.2524, 0.3442

Monochromacy



Original Color

24.9004, 0.2700, 0.4168

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.7121, 0.2917, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9004, 0.2700, 0.4168 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, 153, 110)` looks like.

```
.text, #text, p{  
  color:rgb(61, 153, 110)  
}
```

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, 153, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.9004, 0.2700, 0.4168 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, 153, 110) }
```

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

```
.border{ border-color:rgb(61, 153, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 110);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9004, 0.2700, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 110) }
```

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

```
.background{ background-color: rgb(61, 153,  
110) }
```

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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