

Converting Colors

$Yxy(24.8322, 0.2837, 0.4303)$

Have a look what the booklet for
Yxy(24.8322, 0.2837, 0.4303)
contains.

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Color

Yxy(24.8322, 0.2837, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	499866
RGB	73, 152, 102
RGB Percent	29%, 60%, 40%
CMY	0.7139, 0.4039, 0.5999
CMYK	0.52, 0.00, 0.33, 0.40
HSL	142°, 35%, 44%
HSV	142°, 52%, 60%
XYZ	16.3721, 24.8322, 16.5048
YIQ	122.6790, -31.0340, -32.2980

Conversions

Conversions Part 2

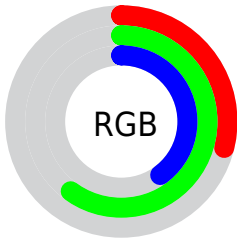
Format	Color
R_{YB}	73, 131, 152
Decimal	4823142
CIE _{Lab}	56.91, -36.07, 19.07
CIE _{LCh}	57, 40.804, 152.135
Yxy	24.8322, 0.2837, 0.4303
Android (android.graphics.Color)	4283013222 (0xFF499866)
YUV	122.6790, -10.1947, -43.5685
Hunter-Lab	49.8319, -28.5605, 15.2450

Details

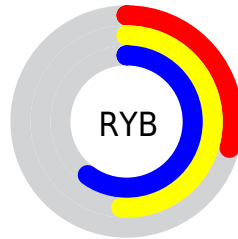
The Yxy color $24.8322, 0.2837, 0.4303$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $12.8637, 0.3637, 0.2475$, and the grayscale version is $19.7349, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4376, 0.2913, 0.4070$, and $9.4547, 0.2688, 0.4731$ is the 20% darker color. If you saturate the color by 10%, you get $24.1309, 0.2806, 0.4542$, and if you desaturate by 10%, it is $25.7028, 0.2880, 0.4073$.

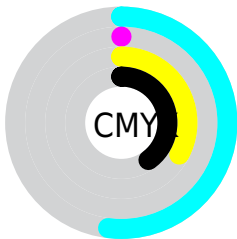
Distribution



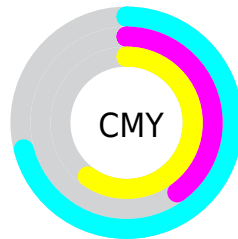
- Red (29%)
- Green (60%)
- Blue (40%)



- Red (29%)
- Yellow (51%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)





- Cyan (71%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8322, 0.2837, 0.4303 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 24.8322, 0.2837, 0.4303 by changing the saturation by 10% instead.


 24.8322, 0.2837,
0.4303


 24.8322, 0.2837,
0.4303


277.0013, 0.3013,
0.3713


 15.9521, 0.2779,
0.4486


 51.3849, 0.2910,
0.4064


 9.4903, 0.2693,
0.4749


 69.8262, 0.2935,
0.3982

 5.0623, 0.2554,
0.5152

 92.2234, 0.2954,
0.3916

 2.2839, 0.2315,
0.5872

 118.9609, 0.2970,
0.3861

 0.7652, 0.0000,
1.0000

 150.4230, 0.2984,
0.3815

 0.0000, 0.0000,
0.0000

186.9942, 0.2995,

0.3776

229.0588, 0.3004,
0.3742

■ 24.8322, 0.2837,
0.4303

■ 24.8322, 0.2837,
0.4303

■ 24.1309, 0.2806,
0.4542

■ 25.7028, 0.2880,
0.4073

■ 23.5842, 0.2790,
0.4783

■ 26.7499, 0.2932,
0.3858

■ 23.1802, 0.2792,
0.5016

■ 27.9842, 0.2990,
0.3660

■ 22.9035, 0.2810,
0.5234

■ 29.4145, 0.3052,
0.3480

■ 22.7433, 0.2831,
0.5393

■ 31.0489, 0.3115,
0.3320

■ 32.8954, 0.3177,
0.3178

■ 34.9613, 0.3239,
0.3053

■ 37.2536, 0.3298,
0.2943

■ 39.7789, 0.3354,
0.2847

Harmonies

Analogous

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



24.8322, 0.3514, 0.4583



24.8322, 0.2837, 0.4303



24.8322, 0.2274, 0.3629

Triad

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



24.8322, 0.2837, 0.4303



24.8322, 0.2146, 0.2225



24.8322, 0.4457, 0.3429

Complementary

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



24.8322, 0.2837, 0.4303



12.8637, 0.3637, 0.2475

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.



24.8322, 0.4007, 0.2924



24.8322, 0.2837, 0.4303



24.8322, 0.2629, 0.2264

Square

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



24.8322, 0.2837, 0.4303



24.8322, 0.1917, 0.2434



24.8322, 0.3308, 0.2512



24.8322, 0.4485, 0.3954

Rectangle

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



24.8322, 0.2837, 0.4303



24.8322, 0.2031, 0.3138



24.8322, 0.3308, 0.2512



24.8322, 0.4349, 0.3255

Sweetspot

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



24.8332, 0.2837, 0.4303



50.7840, 0.3025, 0.3555



27.1518, 0.3540, 0.4665



11.4352, 0.3013, 0.3589



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.



24.8332, 0.2837, 0.4303



42.4591, 0.2803, 0.4571



25.8106, 0.2543, 0.3488



6.9613, 0.3069, 0.3434



19.0733, 0.2828, 0.5381



0.2918, 0.2599, 0.4556

Inverse Universe

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



12.8637, 0.3637, 0.2475



19.0162, 0.3798, 0.2331



12.0672, 0.4370, 0.3118



6.2851, 0.3190, 0.3150



6.3132, 0.4377, 0.2185



0.1013, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 24.8322, 0.2837, 0.4303 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 24.8322, 0.2837, 0.4303 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 24.8322, 0.2837, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 24.8322, 0.2837, 0.4303.



This preview shows how white text looks on a background with the Yxy color 24.8322, 0.2837, 0.4303.

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

24.8322, 0.2837, 0.4303

Protanopia

24.6376, 0.3699, 0.3979

Deuteranopia

24.3977, 0.3742, 0.3661



Tritanopia

24.7114, 0.2503, 0.3071

Trichromacy



Original Color

24.8322, 0.2837, 0.4303

Protanomaly

24.2209, 0.3324, 0.4102

Deuteranomaly

23.7861, 0.3356, 0.3887

Tritanomaly

24.7798, 0.2624, 0.3498

Monochromacy



Original Color

24.8322, 0.2837, 0.4303

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.2913, 0.3000, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8322, 0.2837, 0.4303 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(73, 152, 102)` looks like.

```
.text, #text, p{  
    color:rgb(73, 152, 102)  
}
```

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(73, 152, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 152, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.8322, 0.2837, 0.4303 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(73, 152, 102) }
```

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

```
.border{ border-color:rgb(73, 152, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 152, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 152, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 152, 102);  
box-shadow:4px 4px 4px 4px rgb(73, 152,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8322, 0.2837, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 152, 102) }
```

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

```
.background{ background-color: rgb(73, 152,  
102) }
```

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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