

Converting Colors

$Y_{xy}(23.8971, 0.3427, 0.4102)$

Have a look what the booklet for
Yxy(23.8971, 0.3427, 0.4102)
contains.

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Color

Yxy(24.0180, 0.3429, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	7E8C5F
RGB	126, 140, 95
RGB Percent	49%, 55%, 37%
CMY	0.5058, 0.4510, 0.6275
CMYK	0.10, 0.00, 0.32, 0.45
HSL	79°, 19%, 46%
HSV	79°, 32%, 55%
XYZ	20.0481, 24.0180, 14.4003
YIQ	130.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

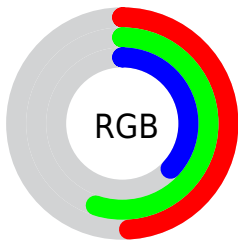
Format	Color
R_{YB}	95, 140, 109
Decimal	8293471
CIE _{Lab}	56.11, -13.17, 22.42
CIE _{LCh}	56, 26.002, 120.424
Yxy	24.0180, 0.3429, 0.4108
Android (android.graphics.Color)	4286483551 (0xFF7E8C5F)
YUV	130.6840, -17.5922, -4.1079
Hunter-Lab	49.0082, -12.7440, 16.8843

Details

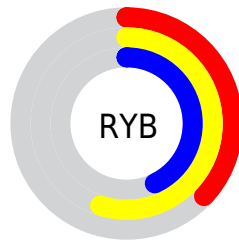
The Yxy color $24.0180, 0.3429, 0.4108$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.3233, 0.2749, 0.2421$, and the grayscale version is $22.6411, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2426, 0.3367, 0.3927$, and $9.0622, 0.3515, 0.4442$ is the 20% darker color. If you saturate the color by 10%, you get $23.4634, 0.3514, 0.4376$, and if you desaturate by 10%, it is $24.6349, 0.3337, 0.3842$.

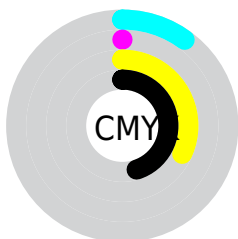
Distribution



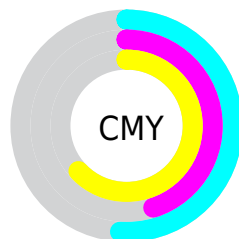
- Red (49%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)





- Cyan (51%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0180, 0.3429, 0.4108 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 24.0180, 0.3429, 0.4108 by changing the saturation by 10% instead.


 24.0180, 0.3429,
0.4108


 24.0180, 0.3429,
0.4108


272.9115, 0.3270,
0.3643


 15.3470, 0.3469,
0.4246


 50.0596, 0.3370,
0.3924


 9.0633, 0.3519,
0.4438


 68.1989, 0.3349,
0.3859

 4.7825, 0.3580,
0.4722

 90.2631, 0.3330,
0.3807

 2.1202, 0.3745,
0.5318

 116.6366, 0.3315,
0.3763

 0.6760, 0.3220,
0.6780

147.7038, 0.3301,
0.3726

 0.0000, 0.0000,
0.0000

183.8491, 0.3290,

0.3694

225.4569, 0.3279,
0.3667

■ 24.0180, 0.3429,
0.4108

■ 24.0180, 0.3429,
0.4108

■ 23.4634, 0.3514,
0.4376

■ 24.6349, 0.3337,
0.3842

■ 22.9652, 0.3587,
0.4636

■ 25.3134, 0.3242,
0.3584

■ 22.5216, 0.3644,
0.4878


■ 26.0567, 0.3147,
0.3341

■ 22.1295, 0.3681,
0.5090


■ 26.8671, 0.3055,
0.3113


■ 21.7854, 0.3694,
0.5263


■ 27.7466, 0.2966,
0.2904

 21.4849, 0.3684,
0.5390

 28.6971, 0.2883,
0.2714

 21.2706, 0.3666,
0.5471

 29.7206, 0.2804,
0.2541

 30.8188, 0.2732,
0.2385

 31.9934, 0.2664,
0.2245

Harmonies

Analogous

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



24.0180, 0.3814, 0.4020



24.0180, 0.3429, 0.4108



24.0180, 0.2980, 0.3932

Triad

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



24.0180, 0.3429, 0.4108



24.0180, 0.2304, 0.2751



24.0180, 0.3673, 0.3036

Complementary

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



24.0180, 0.3429, 0.4108



13.3233, 0.2749, 0.2421

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.



24.0180, 0.3228, 0.2751



24.0180, 0.3429, 0.4108



24.0180, 0.2456, 0.2579

Square

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



24.0180, 0.3429, 0.4108



24.0180, 0.2349, 0.3094



24.0180, 0.2784, 0.2586



24.0180, 0.3971, 0.3390

Rectangle

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



24.0180, 0.3429, 0.4108



24.0180, 0.2706, 0.3686



24.0180, 0.2784, 0.2586



24.0180, 0.3533, 0.2931

Sweetspot

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



24.0191, 0.3429, 0.4108



44.8735, 0.3224, 0.3536



17.2293, 0.3756, 0.3537



10.3037, 0.3236, 0.3567



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0191, 0.3429, 0.4108



41.5854, 0.3495, 0.4314



22.5247, 0.3179, 0.4176



5.7683, 0.3214, 0.3509



18.9099, 0.3669, 0.5469



0.1334, 0.3923, 0.5267

Inverse Universe

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



13.3233, 0.2749, 0.2421



19.5219, 0.2636, 0.2185



14.8991, 0.3040, 0.2491



4.9628, 0.3036, 0.3067



2.1581, 0.1740, 0.0732



0.0214, 0.2199, 0.0985

Previews

White Background



This preview shows how the Yxy color 24.0180, 0.3429, 0.4108 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 24.0180, 0.3429, 0.4108 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 24.0180, 0.3429, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 24.0180, 0.3429, 0.4108.



This preview shows how white text looks on a background with the Yxy color 24.0180, 0.3429, 0.4108.

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

24.0180, 0.3429, 0.4108

Protanopia

23.8603, 0.3707, 0.3988

Deuteranopia

23.9345, 0.3865, 0.3806



Tritanopia

24.0504, 0.3014, 0.3120

Trichromacy



Original Color

24.0180, 0.3429, 0.4108

Protanomaly

23.8197, 0.3600, 0.4024

Deuteranomaly

23.8226, 0.3704, 0.3916

Tritanomaly

23.8605, 0.3164, 0.3466

Monochromacy



Original Color

24.0180, 0.3429, 0.4108

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.0253, 0.3239, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0180, 0.3429, 0.4108 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(126, 140, 95)` looks like.

```
.text, #text, p{  
    color:rgb(126, 140, 95)  
}
```

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(126, 140, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 140, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.0180, 0.3429, 0.4108 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(126, 140, 95) }
```

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

```
.border{ border-color:rgb(126, 140, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 140, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 140, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 140, 95);  
box-shadow:4px 4px 4px 4px rgb(126, 140,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0180, 0.3429, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 140, 95) }
```

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

```
.background{ background-color: rgb(126,  
140, 95) }
```

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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