

Converting Colors

$Y_{xy}(24.9344, 0.3460, 0.4216)$

Have a look what the booklet for
Yxy(24.9344, 0.3460, 0.4216)
contains.

Yxy(24.9123, 0.3468, 0.4222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9123, 0.3468, 0.4222)

Conversions

Conversions Part 1

Format	Color
Hex	7F8F5B
RGB	127, 143, 91
RGB Percent	50%, 56%, 36%
CMY	0.5020, 0.4392, 0.6431
CMYK	0.11, 0.00, 0.36, 0.44
HSL	78°, 22%, 46%
HSV	78°, 36%, 56%
XYZ	20.4633, 24.9123, 13.6304
YIQ	132.2880, 7.1560, -19.5640

Conversions

Conversions Part 2

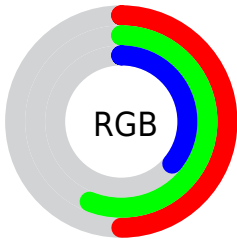
Format	Color
R_{YB}	91, 143, 107
Decimal	8359771
CIE _{Lab}	56.99, -14.94, 25.80
CIE _{LCh}	57, 29.809, 120.074
Yxy	24.9123, 0.3468, 0.4222
Android (android.graphics.Color)	4286549851 (0xFF7F8F5B)
YUV	132.2880, -20.3550, -4.6376
Hunter-Lab	49.9122, -14.1641, 18.7472

Details

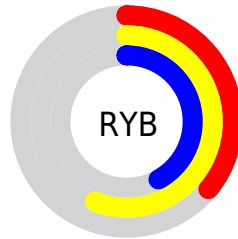
The Yxy color **24.9123, 0.3468, 0.4222** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5949, 0.2685, 0.2290**, and the grayscale version is **23.2575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5888, 0.3398, 0.4014**, and **9.5883, 0.3562, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **24.3589, 0.3549, 0.4488**, and if you desaturate by 10%, it is **25.5297, 0.3378, 0.3954**.

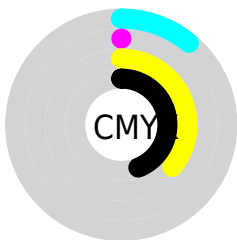
Distribution



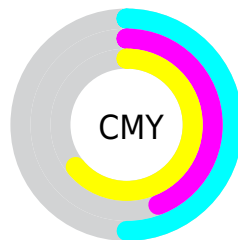
- Red (50%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9123, 0.3468, 0.4222 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 24.9123, 0.3468, 0.4222 by changing the saturation by 10% instead.


 24.9123, 0.3468,
0.4222


 24.9123, 0.3468,
0.4222


277.4009, 0.3292,
0.3694


 16.0117, 0.3511,
0.4377

 51.5149, 0.3404,
0.4014


 9.5325, 0.3562,
0.4591

 69.9857, 0.3380,
0.3941

 5.0901, 0.3620,
0.4901

 92.4154, 0.3360,
0.3881

 2.3002, 0.3811,
0.5594

 119.1884, 0.3342,
0.3831

 0.7738, 0.3240,
0.6760

150.6891, 0.3327,
0.3789

 0.0000, 0.0000,
0.0000

187.3018, 0.3314,

0.3753

229.4109, 0.3302,
0.3722

■ 24.9123, 0.3468,
0.4222

■ 24.9123, 0.3468,
0.4222

■ 24.3589, 0.3549,
0.4488

■ 25.5297, 0.3378,
0.3954

■ 23.8633, 0.3616,
0.4742

■ 26.2105, 0.3283,
0.3692

■ 23.4236, 0.3666,
0.4972


■ 26.9582, 0.3187,
0.3441

■ 23.0362, 0.3693,
0.5168


■ 27.7752, 0.3093,
0.3206


■ 22.6970, 0.3697,
0.5321

■ 28.6637, 0.3002,
0.2989

 22.4000, 0.3678,
0.5431

 29.6257, 0.2916,
0.2790

 22.2973, 0.3670,
0.5468

 30.6633, 0.2835,
0.2610

 31.7784, 0.2759,
0.2447

 32.9729, 0.2689,
0.2300

Harmonies

Analogous

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



24.9123, 0.3903, 0.4108



24.9123, 0.3468, 0.4222



24.9123, 0.2962, 0.4030

Triad

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



24.9123, 0.3468, 0.4222



24.9123, 0.2205, 0.2682



24.9123, 0.3739, 0.2999

Complementary

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



24.9123, 0.3468, 0.4222



12.5949, 0.2685, 0.2290

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.



24.9123, 0.3232, 0.2683



24.9123, 0.3468, 0.4222



24.9123, 0.2370, 0.2493

Square

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



24.9123, 0.3468, 0.4222



24.9123, 0.2256, 0.3068



24.9123, 0.2733, 0.2502



24.9123, 0.4082, 0.3391

Rectangle

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



24.9123, 0.3468, 0.4222



24.9123, 0.2654, 0.3746



24.9123, 0.2733, 0.2502



24.9123, 0.3580, 0.2882

Sweetspot

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



24.9134, 0.3468, 0.4222



47.6070, 0.3234, 0.3562



17.0300, 0.3866, 0.3572



10.8808, 0.3246, 0.3592



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.9134, 0.3468, 0.4222



43.7555, 0.3538, 0.4451



23.1922, 0.3184, 0.4311



6.2033, 0.3214, 0.3510



19.7252, 0.3673, 0.5466



0.2002, 0.3926, 0.5265

Inverse Universe

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



12.5949, 0.2685, 0.2290



18.2047, 0.2552, 0.2022



14.4224, 0.3025, 0.2382



5.3305, 0.3035, 0.3066



2.2376, 0.1734, 0.0729



0.0320, 0.2194, 0.0982

Previews

White Background



This preview shows how the Yxy color 24.9123, 0.3468, 0.4222 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 24.9123, 0.3468, 0.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

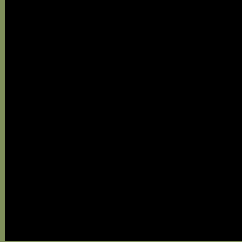
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9123, 0.3468, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 24.9123, 0.3468, 0.4222.



This preview shows how white text looks on a background with the Yxy color 24.9123, 0.3468, 0.4222.

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

24.9123, 0.3468, 0.4222

Protanopia

24.8918, 0.3780, 0.4105

Deuteranopia

24.8273, 0.3937, 0.3872



Tritanopia

24.7832, 0.2995, 0.3105

Trichromacy



Original Color

24.9123, 0.3468, 0.4222

Protanomaly

24.7620, 0.3661, 0.4148

Deuteranomaly

24.6023, 0.3763, 0.3987

Tritanomaly

24.8228, 0.3161, 0.3499

Monochromacy



Original Color

24.9123, 0.3468, 0.4222

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6385, 0.3258, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9123, 0.3468, 0.4222 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(127, 143, 91)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 91)  
}
```

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(127, 143, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 91) }
```

Border

The CSS property to change the border of an element to Yxy 24.9123, 0.3468, 0.4222 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(127, 143, 91) }
```

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

```
.border{ border-color:rgb(127, 143, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 143, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 91);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9123, 0.3468, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 91) }
```

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

```
.background{ background-color: rgb(127,  
143, 91) }
```

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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