

Converting Colors

$Y_{xy}(24.3752, 0.3429, 0.4201)$

Have a look what the booklet for
Yxy(24.3752, 0.3429, 0.4201)
contains.

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Color

Yxy(24.4038, 0.3428, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	7C8E5C
RGB	124, 142, 92
RGB Percent	49%, 56%, 36%
CMY	0.5137, 0.4431, 0.6393
CMYK	0.13, 0.00, 0.35, 0.44
HSL	82°, 21%, 46%
HSV	82°, 35%, 56%
XYZ	19.9181, 24.4038, 13.7823
YIQ	130.9180, 5.3220, -19.3660

Conversions

Conversions Part 2

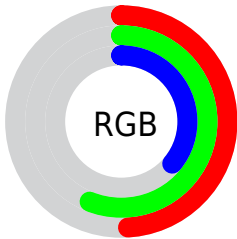
Format	Color
R_{YB}	92, 142, 110
Decimal	8162908
CIE _{Lab}	56.49, -15.47, 24.56
CIE _{LCh}	56, 29.027, 122.199
Yxy	24.4038, 0.3428, 0.4200
Android (android.graphics.Color)	4286352988 (0xFF7C8E5C)
YUV	130.9180, -19.1866, -6.0671
Hunter-Lab	49.4002, -14.4792, 18.0386

Details

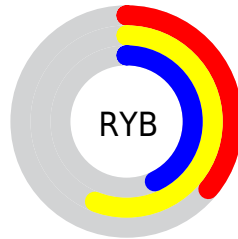
The Yxy color $24.4038, 0.3428, 0.4200$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.9180, 0.2735, 0.2334$, and the grayscale version is $22.7355, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8101, 0.3368, 0.3995$, and $9.2996, 0.3505, 0.4575$ is the 20% darker color. If you saturate the color by 10%, you get $23.8087, 0.3501, 0.4473$, and if you desaturate by 10%, it is $25.0673, 0.3346, 0.3928$.

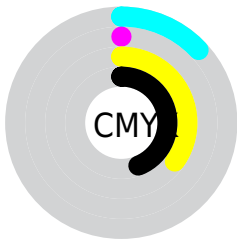
Distribution



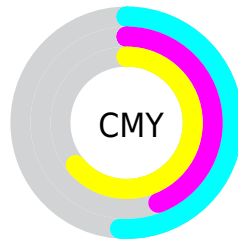
- Red (49%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4038, 0.3428, 0.4200 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 24.4038, 0.3428, 0.4200 by changing the saturation by 10% instead.


 24.4038, 0.3428,
0.4200


 24.4038, 0.3428,
0.4200


274.8556, 0.3273,
0.3682


 15.6334, 0.3465,
0.4354


 50.6883, 0.3372,
0.3995

 9.2651, 0.3510,
0.4567


 68.9713, 0.3351,
0.3923

 4.9145, 0.3560,
0.4880

 91.1939, 0.3333,
0.3864

 2.1972, 0.3733,
0.5580

 117.7406, 0.3317,
0.3816

 0.7185, 0.2982,
0.7018

148.9957, 0.3304,
0.3775

 0.0000, 0.0000,
0.0000

185.3437, 0.3292,

0.3739

227.1688, 0.3282,
0.3709

■ 24.4038, 0.3428,
0.4200

■ 24.4038, 0.3428,
0.4200

■ 23.8087, 0.3501,
0.4473

■ 25.0673, 0.3346,
0.3928

■ 23.2759, 0.3562,
0.4737

■ 25.7987, 0.3260,
0.3664

■ 22.8032, 0.3605,
0.4980


■ 26.6015, 0.3172,
0.3414

■ 22.3873, 0.3626,
0.5191


■ 27.4782, 0.3086,
0.3181

■ 22.0240, 0.3625,
0.5359


■ 28.4311, 0.3003,
0.2967


 21.7080, 0.3601,
0.5481

 29.4621, 0.2924,
0.2772

 21.5672, 0.3587,
0.5534

 30.5735, 0.2850,
0.2596

 31.7671, 0.2781,
0.2437

 33.0449, 0.2717,
0.2294

Harmonies

Analogous

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



24.4038, 0.3864, 0.4109



24.4038, 0.3428, 0.4200



24.4038, 0.2932, 0.3989

Triad

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



24.4038, 0.3428, 0.4200



24.4038, 0.2225, 0.2674



24.4038, 0.3759, 0.3030

Complementary

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



24.4038, 0.3428, 0.4200



12.9180, 0.2735, 0.2334

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.



24.4038, 0.3267, 0.2712



24.4038, 0.3428, 0.4200



24.4038, 0.2403, 0.2502

Square

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



24.4038, 0.3428, 0.4200



24.4038, 0.2261, 0.3041



24.4038, 0.2772, 0.2523



24.4038, 0.4077, 0.3419

Rectangle

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



24.4038, 0.3428, 0.4200



24.4038, 0.2634, 0.3703



24.4038, 0.2772, 0.2523



24.4038, 0.3606, 0.2913

Sweetspot

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



24.4049, 0.3428, 0.4200



46.0434, 0.3225, 0.3562



17.5657, 0.3820, 0.3607



10.2477, 0.3235, 0.3591



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.



24.4049, 0.3428, 0.4200



42.2210, 0.3485, 0.4409



22.7988, 0.3156, 0.4282



6.1898, 0.3207, 0.3511



19.3746, 0.3590, 0.5532



0.1977, 0.3874, 0.5306

Inverse Universe

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



12.9180, 0.2735, 0.2334



18.9390, 0.2627, 0.2101



14.7143, 0.3063, 0.2421



5.3435, 0.3042, 0.3066



2.3965, 0.1807, 0.0769



0.0345, 0.2291, 0.1036

Previews

White Background



This preview shows how the Yxy color 24.4038, 0.3428, 0.4200 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 24.4038, 0.3428, 0.4200 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 24.4038, 0.3428, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 24.4038, 0.3428, 0.4200.



This preview shows how white text looks on a background with the Yxy color 24.4038, 0.3428, 0.4200.

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

24.4038, 0.3428, 0.4200

Protanopia

24.2523, 0.3769, 0.4062

Deuteranopia

24.1038, 0.3913, 0.3832



Tritanopia

24.2286, 0.2973, 0.3103

Trichromacy



Original Color

24.4038, 0.3428, 0.4200

Protanomaly

24.4041, 0.3644, 0.4120

Deuteranomaly

24.1542, 0.3733, 0.3962

Tritanomaly

24.2725, 0.3139, 0.3502

Monochromacy



Original Color

24.4038, 0.3428, 0.4200

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2015, 0.3237, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4038, 0.3428, 0.4200 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(124, 142, 92)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 92)  
}
```

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(124, 142, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 92) }
```

Border

The CSS property to change the border of an element to Yxy 24.4038, 0.3428, 0.4200 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(124, 142, 92) }
```

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

```
.border{ border-color:rgb(124, 142, 92) }
```

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

Here you see how a box with a 4 pixel rgb(124, 142, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 92);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4038, 0.3428, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 92) }
```

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

```
.background{ background-color: rgb(124,  
142, 92) }
```

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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