

Converting Colors

$Yxy(23.3684, 0.3498, 0.4251)$

Have a look what the booklet for
Yxy(23.3684, 0.3498, 0.4251)
contains.

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Color

Yxy(23.4222, 0.3498, 0.4262)

Conversions

Conversions Part 1

Format	Color
Hex	7C8B56
RGB	124, 139, 86
RGB Percent	49%, 55%, 34%
CMY	0.5137, 0.4549, 0.6628
CMYK	0.11, 0.00, 0.38, 0.45
HSL	77°, 24%, 44%
HSV	77°, 38%, 55%
XYZ	19.2236, 23.4222, 12.3101
YIQ	128.4730, 8.0730, -19.6630

Conversions

Conversions Part 2

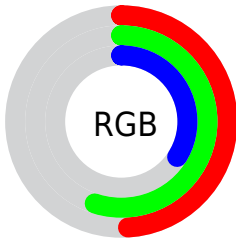
Format	Color
RYP	86, 139, 101
Decimal	8162134
CIELab	55.50, -14.71, 26.58
CIElCh	56, 30.377, 118.971
Yxy	23.4222, 0.3498, 0.4262
Android (android.graphics.Color)	4286352214 (0xFF7C8B56)
YUV	128.4730, -20.9392, -3.9228
Hunter-Lab	48.3965, -13.7919, 18.7966

Details

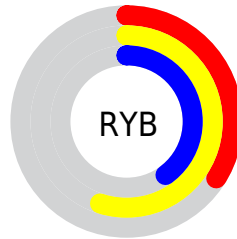
The Yxy color $23.4222, 0.3498, 0.4262$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.2858, 0.2642, 0.2233$, and the grayscale version is $21.8315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8240, 0.3430, 0.4042$, and $8.7471, 0.3605, 0.4662$ is the 20% darker color. If you saturate the color by 10%, you get $22.9331, 0.3581, 0.4522$, and if you desaturate by 10%, it is $23.9687, 0.3405, 0.3997$.

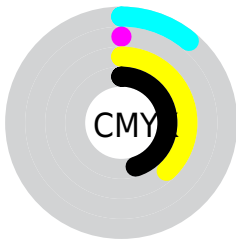
Distribution



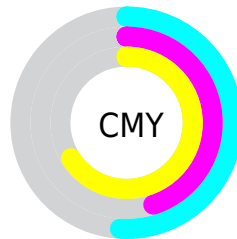
- Red (49%)
- Green (55%)
- Blue (34%)



- Red (34%)
- Yellow (55%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (38%)
- Black (45%)





- Cyan (51%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4222, 0.3498, 0.4262 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 23.4222, 0.3498, 0.4262 by changing the saturation by 10% instead.


 23.4222, 0.3498,
0.4262


 23.4222, 0.3498,
0.4262


269.8861, 0.3305,
0.3707


 14.9056, 0.3545,
0.4427


 49.0857, 0.3428,
0.4042

 8.7531, 0.3601,
0.4655


 67.0013, 0.3401,
0.3965


 4.5805, 0.3664,
0.4987

 88.8187, 0.3379,
0.3902

 2.0033, 0.4012,
0.5955

 114.9222, 0.3359,
0.3850

 0.6094, 0.2653,
0.7347

 145.6964, 0.3343,
0.3806

 0.0000, 0.0000,
0.0000

181.5255, 0.3329,

0.3768

222.7939, 0.3316,
0.3736

■ 23.4222, 0.3498,
0.4262

■ 23.4222, 0.3498,
0.4262

■ 22.9331, 0.3581,
0.4522

■ 23.9687, 0.3405,
0.3997

■ 22.4956, 0.3650,
0.4768

■ 24.5718, 0.3307,
0.3735

■ 22.1078, 0.3700,
0.4988


■ 25.2351, 0.3207,
0.3484

■ 21.7663, 0.3728,
0.5172


■ 25.9605, 0.3109,
0.3247

■ 21.4675, 0.3731,
0.5313


■ 26.7502, 0.3014,
0.3027


 21.2033, 0.3715,
0.5416

 27.6061, 0.2924,
0.2825

 21.1558, 0.3712,
0.5435

 28.5300, 0.2839,
0.2640

 29.5237, 0.2760,
0.2473

 30.5889, 0.2687,
0.2323

Harmonies

Analogous

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



23.4222, 0.3946, 0.4129



23.4222, 0.3498, 0.4262



23.4222, 0.2973, 0.4075

Triad

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



23.4222, 0.3498, 0.4262



23.4222, 0.2169, 0.2669



23.4222, 0.3746, 0.2973

Complementary

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



23.4222, 0.3498, 0.4262



11.2858, 0.2642, 0.2233

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.



23.4222, 0.3215, 0.2652



23.4222, 0.3498, 0.4262



23.4222, 0.2332, 0.2467

Square

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



23.4222, 0.3498, 0.4262



23.4222, 0.2230, 0.3075



23.4222, 0.2700, 0.2470



23.4222, 0.4113, 0.3376

Rectangle

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



23.4222, 0.3498, 0.4262



23.4222, 0.2651, 0.3784



23.4222, 0.2700, 0.2470



23.4222, 0.3578, 0.2854

Sweetspot

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



23.4232, 0.3498, 0.4262



44.8076, 0.3238, 0.3561



15.3005, 0.3924, 0.3553



10.2922, 0.3250, 0.3590



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.



23.4232, 0.3498, 0.4262



41.1606, 0.3572, 0.4493



21.7555, 0.3204, 0.4359



5.7750, 0.3217, 0.3509



19.1014, 0.3714, 0.5433



0.1343, 0.3950, 0.5246

Inverse Universe

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



11.2858, 0.2642, 0.2233



16.1204, 0.2500, 0.1954



13.0029, 0.2993, 0.2332



4.9564, 0.3032, 0.3067



2.0860, 0.1705, 0.0713



0.0205, 0.2145, 0.0956

Previews

White Background



This preview shows how the Yxy color 23.4222, 0.3498, 0.4262 looks on a white background.

Color Contrast Check

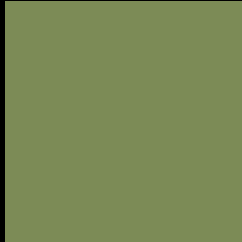
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4222, 0.3498, 0.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

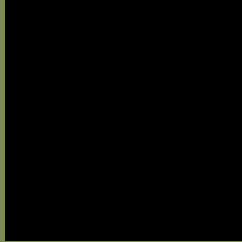
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4222, 0.3498, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 23.4222, 0.3498, 0.4262.



This preview shows how white text looks on a background with the Yxy color 23.4222, 0.3498, 0.4262.

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

23.4222, 0.3498, 0.4262

Protanopia

23.4349, 0.3810, 0.4121

Deuteranopia

23.2709, 0.3971, 0.3901



Tritanopia

23.3110, 0.3002, 0.3101

Trichromacy



Original Color

23.4222, 0.3498, 0.4262

Protanomaly

23.3022, 0.3687, 0.4166

Deuteranomaly

23.0482, 0.3792, 0.4021

Tritanomaly

23.3223, 0.3184, 0.3523

Monochromacy



Original Color

23.4222, 0.3498, 0.4262

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.2068, 0.3274, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4222, 0.3498, 0.4262 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, 139, 86)` looks like.

```
.text, #text, p{  
    color:rgb(124, 139, 86)  
}
```

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, 139, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 139, 86) }
```

Border

The CSS property to change the border of an element to Yxy 23.4222, 0.3498, 0.4262 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, 139, 86) }
```

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

```
.border{ border-color:rgb(124, 139, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 139, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 139, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 139, 86);  
box-shadow:4px 4px 4px 4px rgb(124, 139,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4222, 0.3498, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 139, 86) }
```

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

```
.background{ background-color: rgb(124,  
139, 86) }
```

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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