

Converting Colors

$Y_{xy}(25.3299, 0.3109, 0.3898)$

Have a look what the booklet for
Yxy(25.3299, 0.3109, 0.3898)
contains.

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Color

Yxy(25.3274, 0.3109, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	729271
RGB	114, 146, 113
RGB Percent	45%, 57%, 44%
CMY	0.5529, 0.4275, 0.5569
CMYK	0.22, 0.00, 0.23, 0.43
HSL	118°, 13%, 51%
HSV	118°, 23%, 57%
XYZ	20.2008, 25.3274, 19.4471
YIQ	132.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

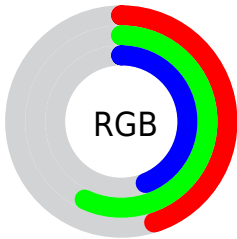
Format	Color
R_{YB}	113, 146, 145
Decimal	7508593
CIE _{Lab}	57.39, -17.96, 13.91
CIE _{LCh}	57, 22.717, 142.250
Yxy	25.3274, 0.3109, 0.3898
Android (android.graphics.Color)	4285698673 (0xFF729271)
YUV	132.6700, -9.6973, -16.3736
Hunter-Lab	50.3263, -16.4217, 12.3176

Details

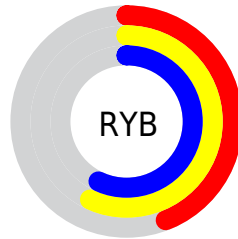
The Yxy color $25.3274, 0.3109, 0.3898$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.9042, 0.3140, 0.2745$, and the grayscale version is $23.3692, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1322, 0.3113, 0.3759$, and $9.6899, 0.3087, 0.4140$ is the 20% darker color. If you saturate the color by 10%, you get $24.1488, 0.3098, 0.4216$, and if you desaturate by 10%, it is $26.7078, 0.3118, 0.3609$.

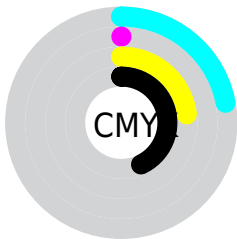
Distribution



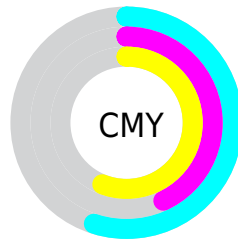
- Red (45%)
- Green (57%)
- Blue (44%)



- Red (44%)
- Yellow (57%)
- Blue (57%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)





- Cyan (55%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3274, 0.3109, 0.3898 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 25.3274, 0.3109, 0.3898 by changing the saturation by 10% instead.


 25.3274, 0.3109,
0.3898


 25.3274, 0.3109,
0.3898


279.4645, 0.3125,
0.3552


 16.3211, 0.3102,
0.4002


 52.1879, 0.3117,
0.3761

 9.7517, 0.3089,
0.4148


 70.8109, 0.3119,
0.3713

 5.2346, 0.3066,
0.4368

 93.4082, 0.3121,
0.3674

 2.3856, 0.3017,
0.4734

 120.3644, 0.3122,
0.3641

 0.8185, 0.2931,
0.7069

152.0637, 0.3123,
0.3614

 0.0000, 0.0000,
0.0000

188.8905, 0.3124,

0.3590

231.2294, 0.3124,
0.3570

■ 25.3274, 0.3109,
0.3898

■ 25.3274, 0.3109,
0.3898

■ 24.1488, 0.3098,
0.4216

■ 26.7078, 0.3118,
0.3609

■ 23.1596, 0.3085,
0.4556

■ 28.2956, 0.3125,
0.3352

■ 22.3509, 0.3071,
0.4903

■ 30.0998, 0.3131,
0.3126

■ 21.7117, 0.3055,
0.5236

■ 32.1282, 0.3136,
0.2931

■ 21.2301, 0.3040,
0.5530

■ 34.3882, 0.3140,
0.2762

■ 20.8923, 0.3025,
0.5762

■ 36.8867, 0.3142,
0.2616

■ 20.6825, 0.3013,
0.5915

■ 39.6304, 0.3145,
0.2491

■ 20.5865, 0.3009,
0.5993

■ 42.6258, 0.3146,
0.2383

■ 45.8790, 0.3147,
0.2290

Harmonies

Analogous

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



25.3274, 0.3491, 0.3990



25.3274, 0.3109, 0.3898



25.3274, 0.2746, 0.3606

Triad

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



25.3274, 0.3109, 0.3898



25.3274, 0.2493, 0.2701



25.3274, 0.3799, 0.3296

Complementary

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



25.3274, 0.3109, 0.3898



19.9042, 0.3140, 0.2745

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.



25.3274, 0.3500, 0.2996



25.3274, 0.3109, 0.3898



25.3274, 0.2742, 0.2662

Square

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



25.3274, 0.3109, 0.3898



25.3274, 0.2406, 0.2897



25.3274, 0.3107, 0.2770



25.3274, 0.3905, 0.3611

Rectangle

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



25.3274, 0.3109, 0.3898



25.3274, 0.2562, 0.3353



25.3274, 0.3107, 0.2770



25.3274, 0.3717, 0.3191

Sweetspot

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



25.3285, 0.3109, 0.3898



48.5990, 0.3122, 0.3464



27.5231, 0.3460, 0.3818



10.7806, 0.3122, 0.3477



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.



25.3285, 0.3109, 0.3898



43.6108, 0.3104, 0.4052



25.6374, 0.2957, 0.3608



6.4764, 0.3121, 0.3518



18.1184, 0.3009, 0.5993



0.2235, 0.3056, 0.5956

Inverse Universe

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



19.9042, 0.3140, 0.2745



32.3478, 0.3142, 0.2624



19.5496, 0.3341, 0.2992



5.9002, 0.3133, 0.3072



6.8499, 0.3134, 0.1500



0.0861, 0.3175, 0.1522

Previews

White Background



This preview shows how the Yxy color 25.3274, 0.3109, 0.3898 looks on a white background.

Color Contrast Check

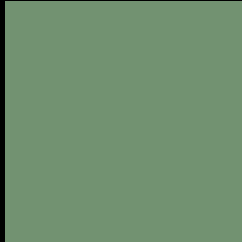
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3274, 0.3109, 0.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

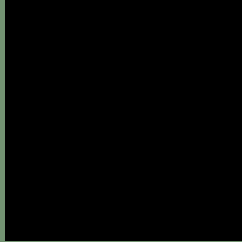
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3274, 0.3109, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 25.3274, 0.3109, 0.3898.



This preview shows how white text looks on a background with the Yxy color 25.3274, 0.3109, 0.3898.

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

25.3274, 0.3109, 0.3898

Protanopia

25.1064, 0.3530, 0.3762

Deuteranopia

25.0326, 0.3615, 0.3548



Tritanopia

25.3817, 0.2820, 0.3101

Trichromacy



Original Color

25.3274, 0.3109, 0.3898

Protanomaly

24.9503, 0.3369, 0.3816

Deuteranomaly

24.8799, 0.3417, 0.3666

Tritanomaly

25.3315, 0.2918, 0.3378

Monochromacy



Original Color

25.3274, 0.3109, 0.3898

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1189, 0.3117, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3274, 0.3109, 0.3898 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(114, 146, 113)` looks like.

```
.text, #text, p{  
    color:rgb(114, 146, 113)  
}
```

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(114, 146, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 146, 113) }
```

Border

The CSS property to change the border of an element to Yxy 25.3274, 0.3109, 0.3898 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(114, 146, 113) }
```

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

```
.border{ border-color:rgb(114, 146, 113) }
```

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

Here you see how a box with a 4 pixel rgb(114, 146, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 146, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 146, 113);  
box-shadow:4px 4px 4px 4px rgb(114, 146,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3274, 0.3109, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 146, 113) }
```

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

```
.background{ background-color: rgb(114,  
146, 113) }
```

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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