

Converting Colors

$Y_{xy}(24.8594, 0.3269, 0.3756)$

Have a look what the booklet for
Yxy(24.8594, 0.3269, 0.3756)
contains.

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Color

Yxy(24.9318, 0.3268, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	818D72
RGB	129, 141, 114
RGB Percent	51%, 55%, 45%
CMY	0.4942, 0.4470, 0.5530
CMYK	0.09, 0.00, 0.19, 0.45
HSL	87°, 11%, 50%
HSV	87°, 19%, 55%
XYZ	21.6120, 24.9318, 19.5883
YIQ	134.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

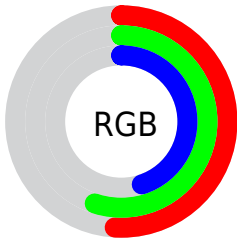
Format	Color
RYB	114, 141, 126
Decimal	8490354
CIELab	57.01, -9.51, 12.97
CIELCh	57, 16.088, 126.254
Yxy	24.9318, 0.3268, 0.3770
Android (android.graphics.Color)	4286680434 (0xFF818D72)
YUV	134.3340, -10.0247, -4.6779
Hunter-Lab	49.9318, -10.1204, 11.6926

Details

The Yxy color $24.9318, 0.3268, 0.3770$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.3921, 0.2964, 0.2806$, and the grayscale version is $24.0055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7285, 0.3239, 0.3667$, and $9.5810, 0.3320, 0.3960$ is the 20% darker color. If you saturate the color by 10%, you get $24.1595, 0.3339, 0.4044$, and if you desaturate by 10%, it is $25.7860, 0.3195, 0.3511$.

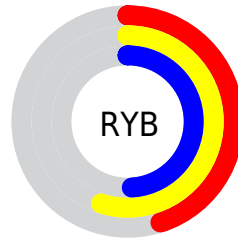
Distribution



Red (51%)

Green (55%)

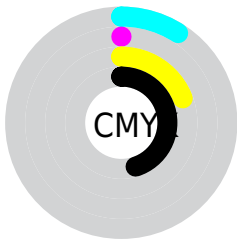
Blue (45%)



Red (45%)

Yellow (55%)

Blue (49%)

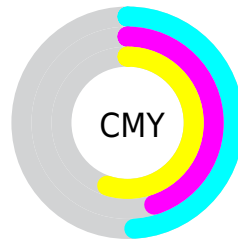


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (49%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9318, 0.3268, 0.3770 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 24.9318, 0.3268, 0.3770 by changing the saturation by 10% instead.


 24.9318, 0.3268,
0.3770


 24.9318, 0.3268,
0.3770


277.4981, 0.3193,
0.3500


 16.0263, 0.3288,
0.3850


 51.5466, 0.3240,
0.3663

 9.5427, 0.3314,
0.3961


 70.0246, 0.3230,
0.3626

 5.0968, 0.3349,
0.4127

 92.4622, 0.3221,
0.3595

 2.3042, 0.3397,
0.4399

 119.2438, 0.3214,
0.3570

 0.7759, 0.3944,
0.6056

150.7538, 0.3207,
0.3548

 0.0000, 0.0000,
0.0000

187.3766, 0.3202,

0.3530

229.4966, 0.3197,
0.3514

■ 24.9318, 0.3268,
0.3770

■ 24.9318, 0.3268,
0.3770

■ 24.1595, 0.3339,
0.4044

■ 25.7860, 0.3195,
0.3511

■ 23.4631, 0.3403,
0.4326

■ 26.7215, 0.3121,
0.3271

■ 22.8406, 0.3457,
0.4609

■ 27.7418, 0.3049,
0.3050

■ 22.2888, 0.3497,
0.4881

■ 28.8494, 0.2980,
0.2850

■ 21.8043, 0.3519,
0.5128

■ 30.0466, 0.2915,
0.2670

■ 21.3830, 0.3520,
0.5339

■ 31.3355, 0.2853,
0.2508

■ 21.0205, 0.3498,
0.5503

■ 32.7182, 0.2796,
0.2363

■ 20.7067, 0.3461,
0.5627

■ 34.1969, 0.2743,
0.2233

■ 20.6818, 0.3458,
0.5637

■ 35.7734, 0.2694,
0.2118

Harmonies

Analogous

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



24.9318, 0.3515, 0.3761



24.9318, 0.3268, 0.3770



24.9318, 0.2991, 0.3633

Triad

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



24.9318, 0.3268, 0.3770



24.9318, 0.2618, 0.2932



24.9318, 0.3505, 0.3178

Complementary

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



24.9318, 0.3268, 0.3770



18.3921, 0.2964, 0.2806

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.



24.9318, 0.3249, 0.2980



24.9318, 0.3268, 0.3770



24.9318, 0.2741, 0.2837

Square

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



24.9318, 0.3268, 0.3770



24.9318, 0.2624, 0.3132



24.9318, 0.2969, 0.2857



24.9318, 0.3658, 0.3409

Rectangle

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



24.9318, 0.3268, 0.3770



24.9318, 0.2826, 0.3479



24.9318, 0.2969, 0.2857



24.9318, 0.3427, 0.3106

Sweetspot

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



24.9329, 0.3268, 0.3770



46.6634, 0.3172, 0.3436



21.7226, 0.3451, 0.3495



10.4023, 0.3176, 0.3449



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.



24.9329, 0.3268, 0.3770



44.0265, 0.3299, 0.3887



23.9661, 0.3123, 0.3792



6.1675, 0.3195, 0.3512



18.8642, 0.3460, 0.5635



0.1934, 0.3784, 0.5377

Inverse Universe

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



18.3921, 0.2964, 0.2806



30.0954, 0.2921, 0.2686



19.4619, 0.3126, 0.2829



5.3652, 0.3055, 0.3067



2.7200, 0.1947, 0.0846



0.0387, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 24.9318, 0.3268, 0.3770 looks on a white background.

Color Contrast Check

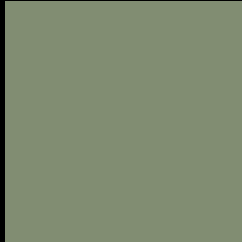
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9318, 0.3268, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

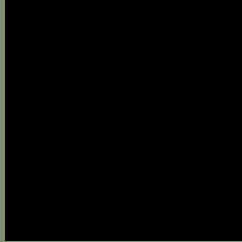
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

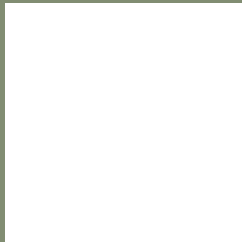
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9318, 0.3268, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 24.9318, 0.3268, 0.3770.



This preview shows how white text looks on a background with the Yxy color 24.9318, 0.3268, 0.3770.

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

24.9318, 0.3268, 0.3770

Protanopia

24.7979, 0.3489, 0.3696

Deuteranopia

24.6617, 0.3607, 0.3534



Tritanopia

24.7832, 0.2995, 0.3105

Trichromacy



Original Color

24.9318, 0.3268, 0.3770

Protanomaly

24.8582, 0.3401, 0.3721

Deuteranomaly

24.7688, 0.3483, 0.3626

Tritanomaly

24.8318, 0.3092, 0.3342

Monochromacy



Original Color

24.9318, 0.3268, 0.3770

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3292, 0.3175, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9318, 0.3268, 0.3770 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(129, 141, 114)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 114)  
}
```

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(129, 141, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.9318, 0.3268, 0.3770 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(129, 141, 114) }
```

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

```
.border{ border-color:rgb(129, 141, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 141, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 114);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9318, 0.3268, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 114) }
```

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

```
.background{ background-color: rgb(129,  
141, 114) }
```

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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