

Converting Colors

$Y_{xy}(24.3595, 0.3308, 0.4143)$

Have a look what the booklet for
Yxy(24.3595, 0.3308, 0.4143)
contains.

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Color

Yxy(24.3595, 0.3308, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	768F61
RGB	118, 143, 97
RGB Percent	46%, 56%, 38%
CMY	0.5373, 0.4392, 0.6196
CMYK	0.17, 0.00, 0.32, 0.44
HSL	93°, 19%, 47%
HSV	93°, 32%, 56%
XYZ	19.4500, 24.3595, 14.9873
YIQ	130.2810, -0.1340, -19.6060

Conversions

Conversions Part 2

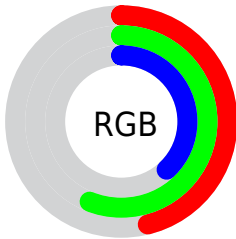
Format	Color
R_{YB}	97, 143, 122
Decimal	7769953
CIE _{Lab}	56.45, -17.62, 21.64
CIE _{LCh}	56, 27.910, 129.156
Yxy	24.3595, 0.3308, 0.4143
Android (android.graphics.Color)	4285960033 (0xFF768F61)
YUV	130.2810, -16.4075, -10.7704
Hunter-Lab	49.3553, -16.0285, 16.5447

Details

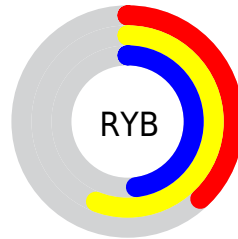
The Yxy color $24.3595, 0.3308, 0.4143$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.6736, 0.2885, 0.2452$, and the grayscale version is $22.4868, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7285, 0.3279, 0.3950$, and $9.3242, 0.3352, 0.4500$ is the 20% darker color. If you saturate the color by 10%, you get $23.5951, 0.3354, 0.4438$, and if you desaturate by 10%, it is $25.2190, 0.3255, 0.3858$.

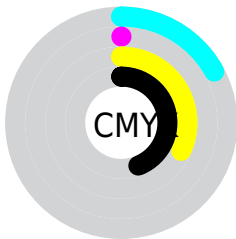
Distribution



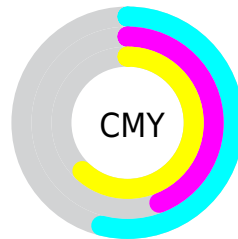
- Red (46%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (48%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (44%)





- Cyan (54%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3595, 0.3308, 0.4143 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 24.3595, 0.3308, 0.4143 by changing the saturation by 10% instead.


 24.3595, 0.3308,
0.4143


 24.3595, 0.3308,
0.4143


274.6330, 0.3218,
0.3655


 15.6005, 0.3328,
0.4290


 50.6162, 0.3277,
0.3948


 9.2419, 0.3350,
0.4496


 68.8827, 0.3264,
0.3881

 4.8993, 0.3369,
0.4804

 91.0872, 0.3254,
0.3826

 2.1883, 0.3432,
0.5408

 117.6141, 0.3245,
0.3780

 0.7136, 0.2579,
0.7421

148.8477, 0.3237,
0.3741

 0.0000, 0.0000,
0.0000

185.1724, 0.3230,

0.3708

226.9727, 0.3224,
0.3680

■ 24.3595, 0.3308,
0.4143

■ 24.3595, 0.3308,
0.4143

■ 23.5951, 0.3354,
0.4438

■ 25.2190, 0.3255,
0.3858

■ 22.9190, 0.3389,
0.4733

■ 26.1740, 0.3198,
0.3589

■ 22.3283, 0.3409,
0.5016


■ 27.2286, 0.3140,
0.3341


■ 21.8187, 0.3411,
0.5271


■ 28.3859, 0.3082,
0.3115


■ 21.3854, 0.3394,
0.5483


■ 29.6490, 0.3026,
0.2911


 21.0229, 0.3357,
0.5644

 31.0206, 0.2972,
0.2728

 20.7781, 0.3322,
0.5744

 32.5033, 0.2921,
0.2565

 34.0999, 0.2874,
0.2419

 35.8127, 0.2829,
0.2290

Harmonies

Analogous

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



24.3595, 0.3753, 0.4122



24.3595, 0.3308, 0.4143



24.3595, 0.2835, 0.3875

Triad

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



24.3595, 0.3308, 0.4143



24.3595, 0.2279, 0.2641



24.3595, 0.3826, 0.3123

Complementary

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



24.3595, 0.3308, 0.4143



14.6736, 0.2885, 0.2452

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.



24.3595, 0.3378, 0.2794



24.3595, 0.3308, 0.4143



24.3595, 0.2497, 0.2518

Square

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



24.3595, 0.3308, 0.4143



24.3595, 0.2264, 0.2955



24.3595, 0.2889, 0.2578



24.3595, 0.4075, 0.3506

Rectangle

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



24.3595, 0.3308, 0.4143



24.3595, 0.2567, 0.3577



24.3595, 0.2889, 0.2578



24.3595, 0.3692, 0.3004

Sweetspot

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



24.3606, 0.3308, 0.4143



47.2238, 0.3187, 0.3539



20.5098, 0.3701, 0.3723



10.7768, 0.3194, 0.3571



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.



24.3606, 0.3308, 0.4143



42.5574, 0.3344, 0.4369



23.0807, 0.3070, 0.4173



6.1423, 0.3181, 0.3513



18.3822, 0.3326, 0.5741



0.1886, 0.3673, 0.5466

Inverse Universe

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



14.6736, 0.2885, 0.2452



22.2616, 0.2810, 0.2235



16.3281, 0.3183, 0.2542



5.3904, 0.3069, 0.3068



3.1902, 0.2136, 0.0950



0.0436, 0.2606, 0.1209

Previews

White Background



This preview shows how the Yxy color 24.3595, 0.3308, 0.4143 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 24.3595, 0.3308, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

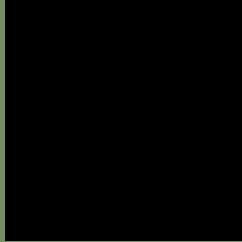
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3595, 0.3308, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 24.3595, 0.3308, 0.4143.



This preview shows how white text looks on a background with the Yxy color 24.3595, 0.3308, 0.4143.

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

24.3595, 0.3308, 0.4143

Protanopia

24.2471, 0.3703, 0.3984

Deuteranopia

24.0942, 0.3842, 0.3756



Tritanopia

24.4651, 0.2902, 0.3101

Trichromacy



Original Color

24.3595, 0.3308, 0.4143

Protanomaly

24.2374, 0.3556, 0.4045

Deuteranomaly

23.9708, 0.3641, 0.3887

Tritanomaly

24.2612, 0.3054, 0.3468

Monochromacy



Original Color

24.3595, 0.3308, 0.4143

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.0716, 0.3203, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3595, 0.3308, 0.4143 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(118, 143, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 143, 97)  
}
```

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(118, 143, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 143, 97) }
```

Border

The CSS property to change the border of an element to Yxy 24.3595, 0.3308, 0.4143 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(118, 143, 97) }
```

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

```
.border{ border-color:rgb(118, 143, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 143, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 143, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 143, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 143,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3595, 0.3308, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 143, 97) }
```

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

```
.background{ background-color: rgb(118,  
143, 97) }
```

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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