

Converting Colors

$Y_{xy}(24.2472, 0.3150, 0.3903)$

Have a look what the booklet for
Yxy(24.2472, 0.3150, 0.3903)
contains.

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Color

Yxy(24.4155, 0.3151, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	738F6E
RGB	115, 143, 110
RGB Percent	45%, 56%, 43%
CMY	0.5489, 0.4392, 0.5686
CMYK	0.20, 0.00, 0.23, 0.44
HSL	111°, 13%, 50%
HSV	111°, 23%, 56%
XYZ	19.7113, 24.4155, 18.4289
YIQ	130.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

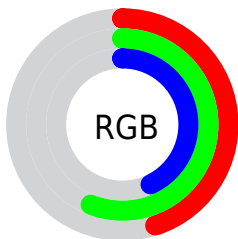
Format	Color
R_{YB}	110, 143, 138
Decimal	7573358
CIE _{Lab}	56.50, -16.55, 14.37
CIE _{LCh}	57, 21.918, 139.028
Yxy	24.4155, 0.3151, 0.3903
Android (android.graphics.Color)	4285763438 (0xFF738F6E)
YUV	130.8660, -10.2869, -13.9145
Hunter-Lab	49.4120, -15.2644, 12.4754

Details

The Yxy color $24.4155, 0.3151, 0.3903$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.5382, 0.3090, 0.2726$, and the grayscale version is $22.6888, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7566, 0.3144, 0.3762$, and $9.3348, 0.3145, 0.4176$ is the 20% darker color. If you saturate the color by 10%, you get $23.3610, 0.3157, 0.4213$, and if you desaturate by 10%, it is $25.6304, 0.3142, 0.3618$.

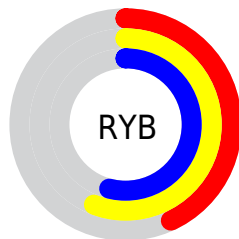
Distribution



Red (45%)

Green (56%)

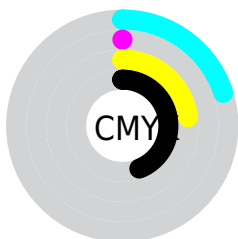
Blue (43%)



Red (43%)

Yellow (56%)

Blue (54%)

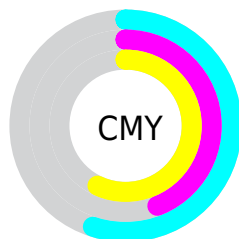


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (44%)



Cyan (55%)


Magenta (44%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4155, 0.3151, 0.3903 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 24.4155, 0.3151, 0.3903 by changing the saturation by 10% instead.


 24.4155, 0.3151,
0.3903


 24.4155, 0.3151,
0.3903


274.9144, 0.3143,
0.3553


 15.6421, 0.3150,
0.4009


 50.7074, 0.3150,
0.3763

 9.2713, 0.3147,
0.4158


 68.9947, 0.3149,
0.3715

 4.9185, 0.3136,
0.4384

 91.2221, 0.3148,
0.3675

 2.1995, 0.3105,
0.4763

 117.7740, 0.3147,
0.3643

 0.7197, 0.2802,
0.7198

149.0348, 0.3146,
0.3615

 0.0000, 0.0000,
0.0000

185.3889, 0.3145,

0.3591

227.2206, 0.3144,
0.3571

■ 24.4155, 0.3151,
0.3903

■ 24.4155, 0.3151,
0.3903

■ 23.3610, 0.3157,
0.4213

■ 25.6304, 0.3142,
0.3618

■ 22.4572, 0.3158,
0.4541

■ 27.0088, 0.3131,
0.3363

■ 21.6981, 0.3153,
0.4875

■ 28.5576, 0.3118,
0.3136

■ 21.0761, 0.3142,
0.5196

■ 30.2824, 0.3106,
0.2936

■ 20.5827, 0.3123,
0.5483

■ 32.1885, 0.3093,
0.2762

■ 20.2088, 0.3098,
0.5714

■ 34.2810, 0.3080,
0.2610

■ 19.9437, 0.3069,
0.5875

■ 36.5647, 0.3067,
0.2478

■ 19.8112, 0.3052,
0.5959

■ 39.0445, 0.3056,
0.2363

■ 41.7247, 0.3044,
0.2263

Harmonies

Analogous

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



24.4155, 0.3520, 0.3970



24.4155, 0.3151, 0.3903



24.4155, 0.2790, 0.3635

Triad

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



24.4155, 0.3151, 0.3903



24.4155, 0.2490, 0.2727



24.4155, 0.3760, 0.3263

Complementary

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



24.4155, 0.3151, 0.3903



18.5382, 0.3090, 0.2726

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.



24.4155, 0.3452, 0.2974



24.4155, 0.3151, 0.3903



24.4155, 0.2718, 0.2672

Square

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



24.4155, 0.3151, 0.3903



24.4155, 0.2423, 0.2936



24.4155, 0.3066, 0.2763



24.4155, 0.3886, 0.3573

Rectangle

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



24.4155, 0.3151, 0.3903



24.4155, 0.2600, 0.3393



24.4155, 0.3066, 0.2763



24.4155, 0.3673, 0.3161

Sweetspot

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



24.4165, 0.3151, 0.3903



47.3289, 0.3136, 0.3464



24.9981, 0.3482, 0.3758



10.8251, 0.3136, 0.3476



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.



24.4165, 0.3151, 0.3903



42.6512, 0.3155, 0.4072



24.3395, 0.2995, 0.3699



6.0664, 0.3138, 0.3516



17.5249, 0.3054, 0.5957



0.1736, 0.3259, 0.5795

Inverse Universe

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



18.5382, 0.3090, 0.2726



30.0991, 0.3078, 0.2586



18.6597, 0.3289, 0.2913



5.4700, 0.3115, 0.3071



5.3684, 0.2836, 0.1336



0.0586, 0.3030, 0.1443

Previews

White Background



This preview shows how the Yxy color 24.4155, 0.3151, 0.3903 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 24.4155, 0.3151, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

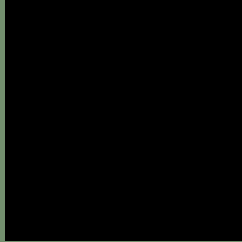
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4155, 0.3151, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 24.4155, 0.3151, 0.3903.



This preview shows how white text looks on a background with the Yxy color 24.4155, 0.3151, 0.3903.

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

24.4155, 0.3151, 0.3903

Protanopia

24.2978, 0.3547, 0.3785

Deuteranopia

24.2254, 0.3634, 0.3568



Tritanopia

24.4118, 0.2843, 0.3099

Trichromacy



Original Color

24.4155, 0.3151, 0.3903

Protanomaly

24.2250, 0.3394, 0.3839

Deuteranomaly

24.1605, 0.3444, 0.3687

Tritanomaly

24.4274, 0.2954, 0.3379

Monochromacy



Original Color

24.4155, 0.3151, 0.3903

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.1180, 0.3139, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4155, 0.3151, 0.3903 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(115, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(115, 143, 110)  
}
```

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(115, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 143, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.4155, 0.3151, 0.3903 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(115, 143, 110) }
```

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

```
.border{ border-color:rgb(115, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(115, 143,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4155, 0.3151, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 143, 110) }
```

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

```
.background{ background-color: rgb(115,  
143, 110) }
```

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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