

Converting Colors

$Yxy(24.5885, 0.3456, 0.3801)$

Have a look what the booklet for
Yxy(24.5885, 0.3456, 0.3801)
contains.

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Color

Yxy(24.4630, 0.3458, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	8B896C
RGB	139, 137, 108
RGB Percent	55%, 54%, 42%
CMY	0.4548, 0.4628, 0.5765
CMYK	0.00, 0.01, 0.22, 0.45
HSL	56°, 13%, 48%
HSV	56°, 22%, 55%
XYZ	22.3024, 24.4630, 17.7297
YIQ	134.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

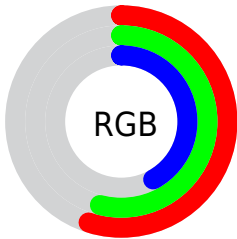
Format	Color
R_{YB}	110, 139, 108
Decimal	9144684
CIE Lab	56.55, -4.31, 15.87
CIE LCh	57, 16.445, 105.205
Yxy	24.4630, 0.3458, 0.3793
Android (android.graphics.Color)	4287334764 (0xFF8B896C)
YUV	134.2920, -12.9620, 4.1289
Hunter-Lab	49.4601, -6.0664, 13.3687

Details

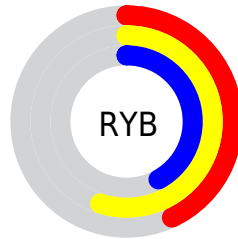
The Yxy color **24.4630, 0.3458, 0.3793** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2073, 0.2768, 0.2732**, and the grayscale version is **24.0003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7024, 0.3387, 0.3673**, and **9.2665, 0.3591, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **23.9341, 0.3611, 0.4021**, and if you desaturate by 10%, it is **25.0435, 0.3307, 0.3564**.

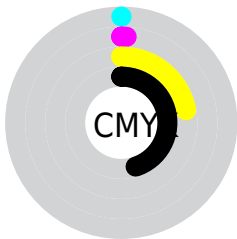
Distribution



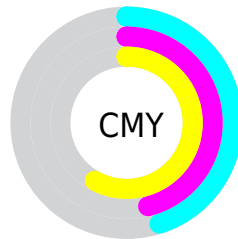
- Red (55%)
- Green (54%)
- Blue (42%)



- Red (43%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (45%)





- Cyan (45%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4630, 0.3458, 0.3793 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 24.4630, 0.3458, 0.3793 by changing the saturation by 10% instead.


 24.4630, 0.3458,
0.3793


 24.4630, 0.3458,
0.3793


275.1530, 0.3277,
0.3512

 15.6774, 0.3509,
0.3874


 50.7847, 0.3388,
0.3683


 9.2962, 0.3577,
0.3987


 69.0896, 0.3363,
0.3644

 4.9349, 0.3674,
0.4151

 91.3364, 0.3343,
0.3612

 2.2091, 0.3819,
0.4413

 117.9096, 0.3325,
0.3586

 0.7249, 0.4461,
0.5539

149.1934, 0.3311,
0.3563

 0.0000, 0.0000,
0.0000

185.5723, 0.3298,

0.3544

227.4307, 0.3287,
0.3527

■ 24.4630, 0.3458,
0.3793

■ 24.4630, 0.3458,
0.3793

■ 23.9341, 0.3611,
0.4021

■ 25.0435, 0.3307,
0.3564

■ 23.4512, 0.3760,
0.4241

■ 25.6743, 0.3160,
0.3341

■ 23.0131, 0.3901,
0.4443

■ 26.3586, 0.3021,
0.3127

■ 22.6171, 0.4028,
0.4620

■ 27.0982, 0.2892,
0.2925

■ 22.2602, 0.4134,
0.4763

■ 27.8949, 0.2772,
0.2738

■ 21.9391, 0.4218,
0.4867

■ 28.7503, 0.2662,
0.2565

■ 21.6498, 0.4275,
0.4929

■ 29.6660, 0.2562,
0.2407

■ 21.4404, 0.4309,
0.4960

■ 30.6437, 0.2472,
0.2263

■ 31.6848, 0.2390,
0.2132

Harmonies

Analogous

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



24.4630, 0.3646, 0.3685



24.4630, 0.3458, 0.3793



24.4630, 0.3186, 0.3757

Triad

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



24.4630, 0.3458, 0.3793



24.4630, 0.2594, 0.3057



24.4630, 0.3337, 0.3026

Complementary

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



24.4630, 0.3458, 0.3793



16.2073, 0.2768, 0.2732

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.



24.4630, 0.3048, 0.2873



24.4630, 0.3458, 0.3793



24.4630, 0.2629, 0.2880

Square

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



24.4630, 0.3458, 0.3793



24.4630, 0.2693, 0.3313



24.4630, 0.2791, 0.2818



24.4630, 0.3577, 0.3244

Rectangle

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



24.4630, 0.3458, 0.3793



24.4630, 0.2996, 0.3651



24.4630, 0.2791, 0.2818



24.4630, 0.3242, 0.2965

Sweetspot

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



24.4641, 0.3458, 0.3793



45.4031, 0.3230, 0.3448



17.3405, 0.3533, 0.3254



10.4493, 0.3237, 0.3459



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.



24.4641, 0.3458, 0.3793



43.2835, 0.3538, 0.3913



23.9585, 0.3295, 0.3854



5.7899, 0.3259, 0.3492



19.3528, 0.4309, 0.4961



0.1364, 0.4246, 0.5011

Inverse Universe

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



16.2073, 0.2768, 0.2732



25.6861, 0.2671, 0.2579



16.6838, 0.2928, 0.2719



4.9414, 0.2991, 0.3079



1.8705, 0.1517, 0.0660



0.0184, 0.1591, 0.0928

Previews

White Background



This preview shows how the Yxy color 24.4630, 0.3458, 0.3793 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 24.4630, 0.3458, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

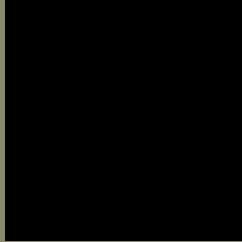
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4630, 0.3458, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 24.4630, 0.3458, 0.3793.



This preview shows how white text looks on a background with the Yxy color 24.4630, 0.3458, 0.3793.

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

24.4630, 0.3458, 0.3793

Protanopia

24.3188, 0.3536, 0.3768

Deuteranopia

24.3385, 0.3706, 0.3631



Tritanopia

24.4150, 0.3147, 0.3109

Trichromacy



Original Color

24.4630, 0.3458, 0.3793

Protanomaly

24.4206, 0.3508, 0.3788

Deuteranomaly

24.4585, 0.3607, 0.3689

Tritanomaly

24.4127, 0.3261, 0.3358

Monochromacy



Original Color

24.4630, 0.3458, 0.3793

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0429, 0.3244, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4630, 0.3458, 0.3793 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(139, 137, 108)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 108)  
}
```

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(139, 137, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 108) }
```

Border

The CSS property to change the border of an element to Yxy 24.4630, 0.3458, 0.3793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

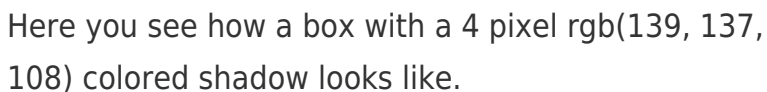
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 137, 108) }
```

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

```
.border{ border-color:rgb(139, 137, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 137, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 137, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 137, 108); box-shadow:4px 4px 4px 4px rgb(139, 137, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4630, 0.3458, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 108) }
```

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

```
.background{ background-color: rgb(139,  
137, 108) }
```

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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