

Converting Colors

$Y_{xy}(24.0719, 0.3480, 0.3768)$

Have a look what the booklet for
Yxy(24.0719, 0.3480, 0.3768)
contains.

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Color

Yxy(23.9861, 0.3476, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	8C876C
RGB	140, 135, 108
RGB Percent	55%, 53%, 42%
CMY	0.4510, 0.4706, 0.5764
CMYK	0.00, 0.04, 0.23, 0.45
HSL	51°, 13%, 49%
HSV	51°, 23%, 55%
XYZ	22.1862, 23.9861, 17.6545
YIQ	133.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

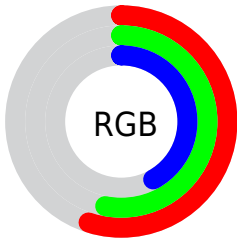
Format	Color
R_{YB}	114, 140, 108
Decimal	9209708
CIE _{Lab}	56.07, -2.80, 15.21
CIE _{LCh}	56, 15.463, 100.450
Yxy	23.9861, 0.3476, 0.3758
Android (android.graphics.Color)	4287399788 (0xFF8C876C)
YUV	133.4170, -12.5306, 5.7733
Hunter-Lab	48.9756, -4.8460, 12.9104

Details

The Yxy color **23.9861, 0.3476, 0.3758** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.8967, 0.2763, 0.2774**, and the grayscale version is **23.6597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9738, 0.3400, 0.3648**, and **8.9969, 0.3623, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **23.1090, 0.3639, 0.3967**, and if you desaturate by 10%, it is **24.9258, 0.3318, 0.3549**.

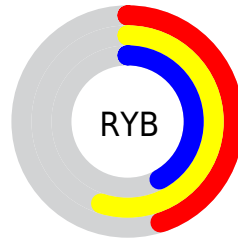
Distribution



Red (55%)

Green (53%)

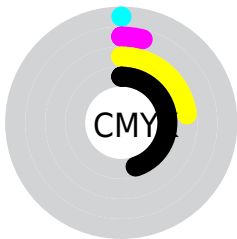
Blue (42%)



Red (45%)

Yellow (55%)

Blue (42%)

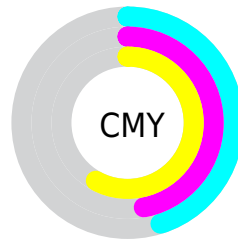


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (45%)



Cyan (45%)


Magenta (47%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9861, 0.3476, 0.3758 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 23.9861, 0.3476, 0.3758 by changing the saturation by 10% instead.


 23.9861, 0.3476,
0.3758

 23.9861, 0.3476,
0.3758


272.7502, 0.3284,
0.3497


 15.3233, 0.3530,
0.3834


 50.0075, 0.3402,
0.3656

 9.0466, 0.3604,
0.3938


 68.1349, 0.3375,
0.3620

 4.7716, 0.3710,
0.4091

 90.1860, 0.3353,
0.3590

 2.1139, 0.3873,
0.4334

 116.5452, 0.3335,
0.3565

 0.6724, 0.4591,
0.5409

147.5967, 0.3319,
0.3544

 0.0000, 0.0000,
0.0000

183.7252, 0.3306,

0.3526

225.3149, 0.3294,
0.3511

■ 23.9861, 0.3476,
0.3758

■ 23.9861, 0.3476,
0.3758

■ 23.1090, 0.3639,
0.3967

■ 24.9258, 0.3318,
0.3549

■ 22.2888, 0.3804,
0.4170

■ 25.9270, 0.3168,
0.3346

■ 21.5241, 0.3964,
0.4359

■ 26.9929, 0.3028,
0.3152

■ 20.8121, 0.4114,
0.4523

■ 28.1253, 0.2899,
0.2970

■ 20.1498, 0.4246,
0.4655

■ 29.3263, 0.2781,
0.2801

■ 19.5337, 0.4356,
0.4747

■ 30.5976, 0.2674,
0.2645

■ 18.9595, 0.4439,
0.4796

■ 31.9409, 0.2577,
0.2501

■ 18.5652, 0.4491,
0.4816

■ 33.3577, 0.2490,
0.2371

■ 34.8498, 0.2412,
0.2251

Harmonies

Analogous

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



23.9861, 0.3635, 0.3639



23.9861, 0.3476, 0.3758



23.9861, 0.3227, 0.3746

Triad

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



23.9861, 0.3476, 0.3758



23.9861, 0.2628, 0.3105



23.9861, 0.3284, 0.3011

Complementary

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



23.9861, 0.3476, 0.3758



16.8967, 0.2763, 0.2774

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.



23.9861, 0.3010, 0.2879



23.9861, 0.3476, 0.3758



23.9861, 0.2641, 0.2922

Square

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



23.9861, 0.3476, 0.3758



23.9861, 0.2742, 0.3354



23.9861, 0.2777, 0.2844



23.9861, 0.3523, 0.3212

Rectangle

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



23.9861, 0.3476, 0.3758



23.9861, 0.3046, 0.3659



23.9861, 0.2777, 0.2844



23.9861, 0.3192, 0.2958

Sweetspot

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



23.9872, 0.3476, 0.3758



44.9400, 0.3231, 0.3433



17.5056, 0.3501, 0.3196



10.3354, 0.3239, 0.3443



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.



23.9872, 0.3476, 0.3758



41.5486, 0.3553, 0.3857



24.5313, 0.3335, 0.3861



5.7143, 0.3261, 0.3473



16.5207, 0.4489, 0.4818



0.1263, 0.4328, 0.4946

Inverse Universe

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



16.8967, 0.2763, 0.2774



26.9541, 0.2678, 0.2650



16.5231, 0.2884, 0.2698



5.0102, 0.2991, 0.3100



2.2077, 0.1546, 0.0764



0.0285, 0.1701, 0.1323

Previews

White Background



This preview shows how the Yxy color 23.9861, 0.3476, 0.3758 looks on a white background.

Color Contrast Check

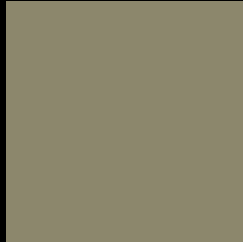
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9861, 0.3476, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

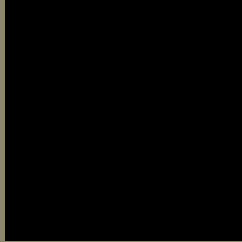
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9861, 0.3476, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 23.9861, 0.3476, 0.3758.



This preview shows how white text looks on a background with the Yxy color 23.9861, 0.3476, 0.3758.

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

23.9861, 0.3476, 0.3758

Protanopia

23.9725, 0.3516, 0.3737

Deuteranopia

23.8726, 0.3686, 0.3618



Tritanopia

24.0850, 0.3169, 0.3125

Trichromacy



Original Color

23.9861, 0.3476, 0.3758

Protanomaly

23.8837, 0.3504, 0.3738

Deuteranomaly

23.8208, 0.3603, 0.3659

Tritanomaly

23.9271, 0.3287, 0.3341

Monochromacy



Original Color

23.9861, 0.3476, 0.3758

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.7397, 0.3256, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9861, 0.3476, 0.3758 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(140, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(140, 135, 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(140, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 135, 108) }
```

Border

The CSS property to change the border of an element to Yxy 23.9861, 0.3476, 0.3758 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(140, 135, 108) }
```

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

```
.border{ border-color:rgb(140, 135, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 135, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 135, 108);  
box-shadow:4px 4px 4px 4px rgb(140, 135,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9861, 0.3476, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 135, 108) }
```

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

```
.background{ background-color: rgb(140,  
135, 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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