

Converting Colors

$Y_{xy}(25.6227, 0.3711, 0.3805)$

Have a look what the booklet for
Yxy(25.6227, 0.3711, 0.3805)
contains.

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Color

Yxy(25.6757, 0.3710, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	9C8868
RGB	156, 136, 104
RGB Percent	61%, 53%, 41%
CMY	0.3882, 0.4667, 0.5921
CMYK	0.00, 0.13, 0.33, 0.39
HSL	37°, 21%, 51%
HSV	37°, 33%, 61%
XYZ	25.0149, 25.6757, 16.7351
YIQ	138.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

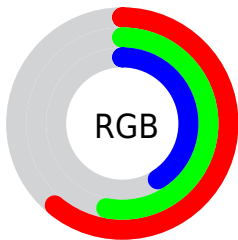
Format	Color
RYB	137, 156, 104
Decimal	10258536
CIELab	57.73, 2.63, 19.99
CIElCh	58, 20.158, 82.503
Yxy	25.6757, 0.3710, 0.3808
Android (android.graphics.Color)	4288448616 (0xFF9C8868)
YUV	138.3320, -16.9257, 15.4948
Hunter-Lab	50.6712, -0.5542, 15.8883

Details

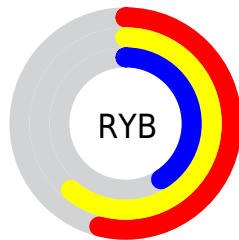
The Yxy color $25.6757, 0.3710, 0.3808$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.7634, 0.2593, 0.2709$, and the grayscale version is $25.6098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6106, 0.3588, 0.3703$, and $9.8940, 0.3920, 0.3968$ is the 20% darker color. If you saturate the color by 10%, you get $23.7447, 0.3920, 0.3965$, and if you desaturate by 10%, it is $27.7625, 0.3515, 0.3648$.

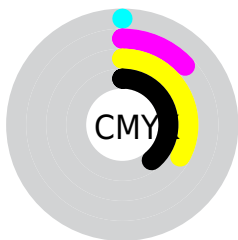
Distribution



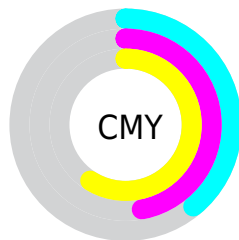
- Red (61%)
- Green (53%)
- Blue (41%)



- Red (54%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6757, 0.3710, 0.3808 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 25.6757, 0.3710, 0.3808 by changing the saturation by 10% instead.


 25.6757, 0.3710,
0.3808


 25.6757, 0.3710,
0.3808


281.1865, 0.3391,
0.3528


 16.5812, 0.3799,
0.3885


 52.7513, 0.3587,
0.3701

 9.9363, 0.3920,
0.3987


 71.5012, 0.3543,
0.3662

 5.3568, 0.4089,
0.4127

 94.2383, 0.3506,
0.3630

 2.4581, 0.4353,
0.4340

 121.3471, 0.3476,
0.3603

 0.8555, 0.5064,
0.4936

153.2119, 0.3450,
0.3580

 0.0000, 0.0000,
0.0000

190.2171, 0.3427,

0.3560

232.7472, 0.3408,
0.3543

■ 25.6757, 0.3710,
0.3808

■ 25.6757, 0.3710,
0.3808

■ 23.7447, 0.3920,
0.3965

■ 27.7625, 0.3515,
0.3648

■ 21.9611, 0.4140,
0.4111

■ 30.0059, 0.3337,
0.3490

■ 20.3210, 0.4364,
0.4236

■ 32.4115, 0.3177,
0.3339

■ 18.8188, 0.4581,
0.4329

■ 34.9832, 0.3033,
0.3196

■ 17.4484, 0.4782,
0.4380

■ 37.7250, 0.2906,
0.3063

■ 16.2025, 0.4954,
0.4381

■ 40.6406, 0.2793,
0.2939

■ 15.4311, 0.5060,
0.4364

■ 43.7336, 0.2693,
0.2826

■ 47.0073, 0.2605,
0.2722

■ 50.4652, 0.2526,
0.2627

Harmonies

Analogous

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



25.6757, 0.3814, 0.3581



25.6757, 0.3710, 0.3808



25.6757, 0.3449, 0.3906

Triad

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



25.6757, 0.3710, 0.3808



25.6757, 0.2564, 0.3234



25.6757, 0.3114, 0.2827

Complementary

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



25.6757, 0.3710, 0.3808



19.7634, 0.2593, 0.2709

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.



25.6757, 0.2789, 0.2731



25.6757, 0.3710, 0.3808



25.6757, 0.2485, 0.2943

Square

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



25.6757, 0.3710, 0.3808



25.6757, 0.2789, 0.3565



25.6757, 0.2565, 0.2767



25.6757, 0.3459, 0.3031

Rectangle

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



25.6757, 0.3710, 0.3808



25.6757, 0.3226, 0.3871



25.6757, 0.2565, 0.2767



25.6757, 0.2998, 0.2782

Sweetspot

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



25.6769, 0.3710, 0.3808



55.8290, 0.3285, 0.3442



18.4464, 0.3575, 0.2951



12.1620, 0.3306, 0.3462



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6769, 0.3710, 0.3808



43.9868, 0.3865, 0.3926



31.3416, 0.3560, 0.4114



7.2912, 0.3270, 0.3427



12.7769, 0.5052, 0.4370



0.3084, 0.4635, 0.4701

Inverse Universe

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



19.7634, 0.2593, 0.2709



31.5714, 0.2466, 0.2552



15.5665, 0.2603, 0.2344



6.8329, 0.2988, 0.3149



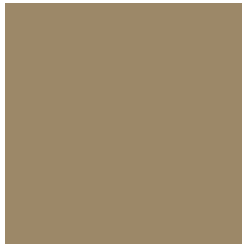
4.7046, 0.1682, 0.1255



0.1632, 0.1898, 0.2034

Previews

White Background



This preview shows how the Yxy color 25.6757, 0.3710, 0.3808 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 25.6757, 0.3710, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

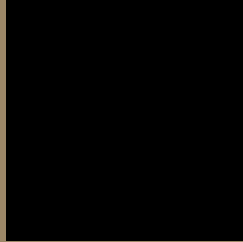
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6757, 0.3710, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 25.6757, 0.3710, 0.3808.



This preview shows how white text looks on a background with the Yxy color 25.6757, 0.3710, 0.3808.

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

25.6757, 0.3710, 0.3808

Protanopia

25.7811, 0.3589, 0.3856

Deuteranopia

25.5815, 0.3799, 0.3732



Tritanopia

25.6293, 0.3354, 0.3135

Trichromacy



Original Color

25.6757, 0.3710, 0.3808

Protanomaly

25.7762, 0.3629, 0.3834

Deuteranomaly

25.5437, 0.3757, 0.3753

Tritanomaly

25.7045, 0.3485, 0.3370

Monochromacy



Original Color

25.6757, 0.3710, 0.3808

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4174, 0.3333, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6757, 0.3710, 0.3808 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(156, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 104)  
}
```

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(156, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.6757, 0.3710, 0.3808 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(156, 136, 104) }
```

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

```
.border{ border-color:rgb(156, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6757, 0.3710, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 104) }
```

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

```
.background{ background-color: rgb(156,  
136, 104) }
```

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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