

Converting Colors

$Y_{xy}(25.7392, 0.3661, 0.3694)$

Have a look what the booklet for
Yxy(25.7392, 0.3661, 0.3694)
contains.

Yxy(25.6218, 0.3659, 0.3694)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6218, 0.3659, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	9D876E
RGB	157, 135, 110
RGB Percent	62%, 53%, 43%
CMY	0.3844, 0.4705, 0.5686
CMYK	0.00, 0.14, 0.30, 0.38
HSL	32°, 19%, 52%
HSV	32°, 30%, 62%
XYZ	25.3790, 25.6218, 18.3597
YIQ	138.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

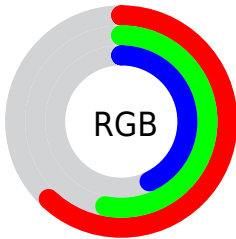
Format	Color
R_{YB}	151, 157, 110
Decimal	10323822
CIE _{Lab}	57.68, 4.40, 16.54
CIE _{LCh}	58, 17.111, 75.100
Yxy	25.6218, 0.3659, 0.3694
Android (android.graphics.Color)	4288513902 (0xFF9D876E)
YUV	138.7280, -14.1629, 16.0245
Hunter-Lab	50.6180, 0.9155, 13.9274

Details

The Yxy color **25.6218, 0.3659, 0.3694** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.2401, 0.2659, 0.2848**, and the grayscale version is **25.7576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5721, 0.3542, 0.3605**, and **9.8481, 0.3865, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **23.3328, 0.3879, 0.3834**, and if you desaturate by 10%, it is **28.1149, 0.3460, 0.3554**.

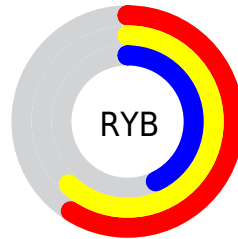
Distribution



Red (62%)

Green (53%)

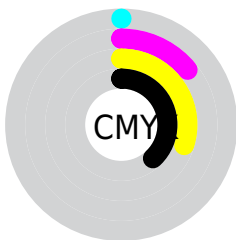
Blue (43%)



Red (59%)

Yellow (62%)

Blue (43%)

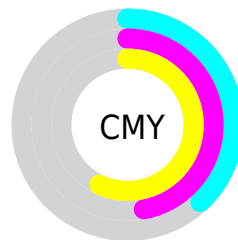


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (38%)



Cyan (38%)


Magenta (47%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6218, 0.3659, 0.3694 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 25.6218, 0.3659, 0.3694 by changing the saturation by 10% instead.


 25.6218, 0.3659,
0.3694


 25.6218, 0.3659,
0.3694


280.9206, 0.3366,
0.3476


 16.5409, 0.3742,
0.3754


 52.6642, 0.3546,
0.3611


 9.9077, 0.3855,
0.3833


 71.3945, 0.3505,
0.3581

 5.3378, 0.4017,
0.3943

 94.1100, 0.3472,
0.3556

 2.4468, 0.4264,
0.4102

 121.1952, 0.3444,
0.3535

 0.8498, 0.5191,
0.4809

153.0345, 0.3420,
0.3517

 0.0000, 0.0000,
0.0000

190.0122, 0.3400,

0.3502

232.5128, 0.3382,
0.3488

■ 25.6218, 0.3659,
0.3694

■ 25.6218, 0.3659,
0.3694

■ 23.3328, 0.3879,
0.3834

■ 28.1149, 0.3460,
0.3554

■ 21.2384, 0.4118,
0.3966

■ 30.8143, 0.3283,
0.3418

■ 19.3333, 0.4370,
0.4082

■ 33.7265, 0.3126,
0.3289

■ 17.6106, 0.4626,
0.4170

■ 36.8568, 0.2988,
0.3168

■ 16.0628, 0.4873,
0.4219

■ 40.2102, 0.2868,
0.3056

■ 14.6817, 0.5096,
0.4219

■ 43.7915, 0.2762,
0.2953

■ 13.4514, 0.5293,
0.4178

■ 47.6053, 0.2669,
0.2859

■ 13.4425, 0.5295,
0.4178

■ 51.6561, 0.2587,
0.2772

■ 55.9483, 0.2515,
0.2693

Harmonies

Analogous

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



25.6218, 0.3705, 0.3485



25.6218, 0.3659, 0.3694



25.6218, 0.3467, 0.3805

Triad

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



25.6218, 0.3659, 0.3694



25.6218, 0.2684, 0.3314



25.6218, 0.3044, 0.2863

Complementary

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



25.6218, 0.3659, 0.3694



22.2401, 0.2659, 0.2848

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.



25.6218, 0.2782, 0.2807



25.6218, 0.3659, 0.3694



25.6218, 0.2582, 0.3051

Square

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



25.6218, 0.3659, 0.3694



25.6218, 0.2903, 0.3585



25.6218, 0.2617, 0.2871



25.6218, 0.3341, 0.3019

Rectangle

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



25.6218, 0.3659, 0.3694



25.6218, 0.3286, 0.3800



25.6218, 0.2617, 0.2871



25.6218, 0.2949, 0.2832

Sweetspot

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



25.6230, 0.3659, 0.3694



55.5846, 0.3270, 0.3408



20.0027, 0.3464, 0.2925



12.0805, 0.3293, 0.3426



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.



25.6230, 0.3659, 0.3694



43.0892, 0.3806, 0.3789



32.3173, 0.3558, 0.4019



7.2016, 0.3272, 0.3409



10.9966, 0.5284, 0.4186



0.2810, 0.4758, 0.4604

Inverse Universe

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



22.2401, 0.2659, 0.2848



36.0213, 0.2548, 0.2730



16.9510, 0.2623, 0.2445



6.9209, 0.2988, 0.3168



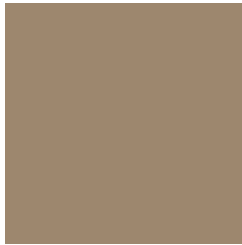
5.9626, 0.1752, 0.1506



0.1906, 0.1958, 0.2248

Previews

White Background



This preview shows how the Yxy color 25.6218, 0.3659, 0.3694 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 25.6218, 0.3659, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

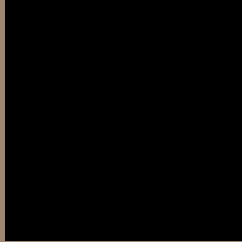
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

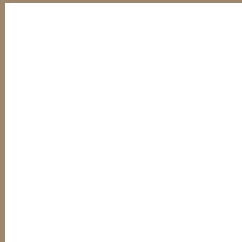
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6218, 0.3659, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 25.6218, 0.3659, 0.3694.



This preview shows how white text looks on a background with the Yxy color 25.6218, 0.3659, 0.3694.

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

25.6218, 0.3659, 0.3694

Protanopia

25.5499, 0.3506, 0.3725

Deuteranopia

25.5822, 0.3729, 0.3655



Tritanopia

25.6293, 0.3354, 0.3135

Trichromacy



Original Color

25.6218, 0.3659, 0.3694

Protanomaly

25.6183, 0.3568, 0.3719

Deuteranomaly

25.6496, 0.3700, 0.3673

Tritanomaly

25.4852, 0.3465, 0.3323

Monochromacy



Original Color

25.6218, 0.3659, 0.3694

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8465, 0.3321, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6218, 0.3659, 0.3694 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(157, 135, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 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(157, 135, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.6218, 0.3659, 0.3694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

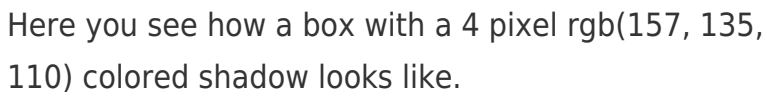
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 135, 110) }
```

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

```
.border{ border-color:rgb(157, 135, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 135, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 135, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 135, 110); box-shadow:4px 4px 4px 4px rgb(157, 135, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6218, 0.3659, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 110) }
```

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

```
.background{ background-color: rgb(157,  
135, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor