

Converting Colors

$Y_{xy}(25.3600, 0.3683, 0.3649)$

Have a look what the booklet for
Yxy(25.3600, 0.3683, 0.3649)
contains.

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Color

Yxy(25.2937, 0.3681, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	9F856F
RGB	159, 133, 111
RGB Percent	62%, 52%, 44%
CMY	0.3764, 0.4784, 0.5646
CMYK	0.00, 0.16, 0.30, 0.38
HSL	27°, 20%, 53%
HSV	27°, 30%, 62%
XYZ	25.5575, 25.2937, 18.5797
YIQ	138.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

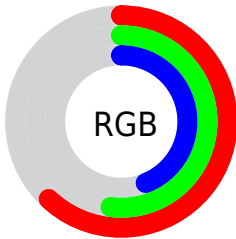
Format	Color
R_{YB}	159, 152, 111
Decimal	10454383
CIE Lab	57.36, 6.51, 15.55
CIE LCh	57, 16.861, 67.272
Yxy	25.2937, 0.3681, 0.3643
Android (android.graphics.Color)	4288644463 (0xFF9F856F)
YUV	138.2660, -13.4421, 18.1837
Hunter-Lab	50.2928, 2.6967, 13.3014

Details

The Yxy color $25.2937, 0.3681, 0.3643$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.7858, 0.2661, 0.2908$, and the grayscale version is $25.5699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0583, 0.3557, 0.3568$, and $9.8253, 0.3893, 0.3776$ is the 20% darker color. If you saturate the color by 10%, you get $22.7110, 0.3916, 0.3764$, and if you desaturate by 10%, it is $28.1348, 0.3472, 0.3521$.

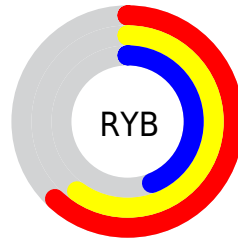
Distribution



Red (62%)

Green (52%)

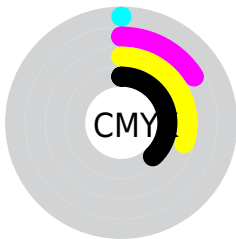
Blue (44%)



Red (62%)

Yellow (60%)

Blue (44%)

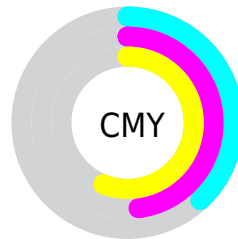


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2937, 0.3681, 0.3643 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 25.2937, 0.3681, 0.3643 by changing the saturation by 10% instead.


 25.2937, 0.3681,
0.3643

 25.2937, 0.3681,
0.3643


279.2974, 0.3375,
0.3454


 16.2960, 0.3768,
0.3694


 52.1333, 0.3562,
0.3571


 9.7339, 0.3888,
0.3762


 70.7440, 0.3520,
0.3545

 5.2229, 0.4060,
0.3855

 93.3278, 0.3485,
0.3524

 2.3786, 0.4328,
0.3986

 120.2691, 0.3456,
0.3505

 0.8148, 0.5348,
0.4652

151.9523, 0.3431,
0.3490

 0.0000, 0.0000,
0.0000

188.7619, 0.3409,

0.3476

231.0821, 0.3391,
0.3464

■ 25.2937, 0.3681,
0.3643

■ 25.2937, 0.3681,
0.3643

■ 22.7110, 0.3916,
0.3764

■ 28.1348, 0.3472,
0.3521

■ 20.3752, 0.4176,
0.3879

■ 31.2384, 0.3289,
0.3404

■ 18.2792, 0.4456,
0.3978

■ 34.6128, 0.3130,
0.3292

■ 16.4138, 0.4746,
0.4049

■ 38.2648, 0.2992,
0.3188

■ 14.7694, 0.5029,
0.4080

■ 42.2011, 0.2872,
0.3092

■ 13.3352, 0.5287,
0.4063

■ 46.4280, 0.2768,
0.3003

■ 12.1134, 0.5512,
0.4005

■ 50.9517, 0.2677,
0.2923

■ 55.7782, 0.2598,
0.2849

■ 60.9132, 0.2529,
0.2781

Harmonies

Analogous

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



25.2937, 0.3684, 0.3422



25.2937, 0.3681, 0.3643



25.2937, 0.3524, 0.3784

Triad

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



25.2937, 0.3681, 0.3643



25.2937, 0.2735, 0.3387



25.2937, 0.2971, 0.2842

Complementary

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



25.2937, 0.3681, 0.3643



23.7858, 0.2661, 0.2908

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.



25.2937, 0.2732, 0.2817



25.2937, 0.3681, 0.3643



25.2937, 0.2601, 0.3116

Square

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



25.2937, 0.3681, 0.3643



25.2937, 0.2975, 0.3641



25.2937, 0.2600, 0.2911



25.2937, 0.3264, 0.2973

Rectangle

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



25.2937, 0.3681, 0.3643



25.2937, 0.3358, 0.3805



25.2937, 0.2600, 0.2911



25.2937, 0.2882, 0.2821

Sweetspot

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



25.2949, 0.3681, 0.3643



56.5235, 0.3272, 0.3392



20.5637, 0.3427, 0.2872



12.5619, 0.3296, 0.3408



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.2949, 0.3681, 0.3643



42.2329, 0.3831, 0.3722



32.5035, 0.3581, 0.3991



7.1215, 0.3273, 0.3393



9.6477, 0.5498, 0.4017



0.2562, 0.4886, 0.4503

Inverse Universe

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



23.7858, 0.2661, 0.2908



39.0993, 0.2559, 0.2811



17.7888, 0.2614, 0.2477



7.0010, 0.2988, 0.3185



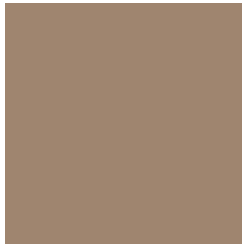
7.3419, 0.1820, 0.1753



0.2154, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 25.2937, 0.3681, 0.3643 looks on a white background.

Color Contrast Check

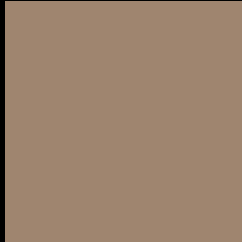
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2937, 0.3681, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

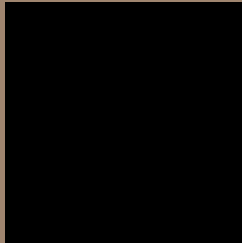
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2937, 0.3681, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 25.2937, 0.3681, 0.3643.



This preview shows how white text looks on a background with the Yxy color 25.2937, 0.3681, 0.3643.

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

25.2937, 0.3681, 0.3643

Protanopia

25.4802, 0.3483, 0.3710

Deuteranopia

25.1238, 0.3698, 0.3626



Tritanopia

25.2460, 0.3405, 0.3136

Trichromacy



Original Color

25.2937, 0.3681, 0.3643

Protanomaly

25.3575, 0.3561, 0.3687

Deuteranomaly

25.1238, 0.3698, 0.3626

Tritanomaly

25.1273, 0.3506, 0.3307

Monochromacy



Original Color

25.2937, 0.3681, 0.3643

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2778, 0.3325, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2937, 0.3681, 0.3643 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(159, 133, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 133, 111)  
}
```

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(159, 133, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 133, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.2937, 0.3681, 0.3643 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(159, 133, 111) }
```

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

```
.border{ border-color:rgb(159, 133, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 133, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 133, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 133, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 133,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2937, 0.3681, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 133, 111) }
```

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

```
.background{ background-color: rgb(159,  
133, 111) }
```

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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