

Converting Colors

$Y_{xy}(25.9434, 0.3611, 0.4090)$

Have a look what the booklet for
Yxy(25.9434, 0.3611, 0.4090)
contains.

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Color

Yxy(25.9230, 0.3609, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	8E8E5F
RGB	142, 142, 95
RGB Percent	56%, 56%, 37%
CMY	0.4431, 0.4431, 0.6274
CMYK	0.00, 0.00, 0.33, 0.44
HSL	60°, 20%, 46%
HSV	60°, 33%, 56%
XYZ	22.8967, 25.9230, 14.6237
YIQ	136.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

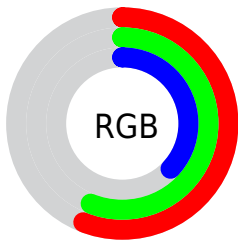
Format	Color
RYB	95, 142, 95
Decimal	9342559
CIELab	57.96, -7.70, 25.10
CIELCh	58, 26.256, 107.052
Yxy	25.9230, 0.3609, 0.4086
Android (android.graphics.Color)	4287532639 (0xFF8E8E5F)
YUV	136.6420, -20.5295, 4.6990
Hunter-Lab	50.9146, -8.8276, 18.6109

Details

The Yxy color $25.9230, 0.3609, 0.4086$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.5762, 0.2557, 0.2347$, and the grayscale version is $24.9504, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2909, 0.3508, 0.3920$, and $10.0918, 0.3763, 0.4378$ is the 20% darker color. If you saturate the color by 10%, you get $25.6867, 0.3748, 0.4315$, and if you desaturate by 10%, it is $26.2087, 0.3463, 0.3846$.

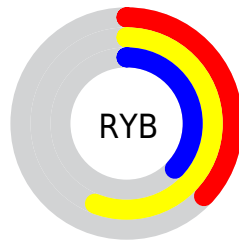
Distribution



Red (56%)

Green (56%)

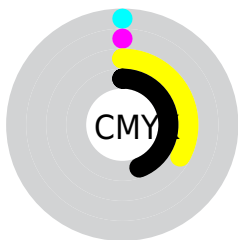
Blue (37%)



Red (37%)

Yellow (56%)

Blue (37%)

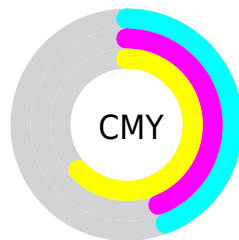


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9230, 0.3609, 0.4086 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 25.9230, 0.3609, 0.4086 by changing the saturation by 10% instead.

 25.9230, 0.3609,
0.4086


 25.9230, 0.3609,
0.4086


282.4039, 0.3352,
0.3645


 16.7660, 0.3676,
0.4211


 53.1507, 0.3513,
0.3915

 10.0678, 0.3763,
0.4380

 71.9902, 0.3477,
0.3854

 5.4440, 0.3876,
0.4619

 94.8261, 0.3448,
0.3804

 2.5100, 0.4099,
0.5072

 122.0426, 0.3423,
0.3762

 0.8817, 0.4244,
0.5756

154.0243, 0.3402,
0.3726

 0.0000, 0.0000,
0.0000

191.1555, 0.3383,

0.3695

233.8205, 0.3367,
0.3668

■ 25.9230, 0.3609,
0.4086

■ 25.9230, 0.3609,
0.4086

■ 25.6867, 0.3748,
0.4315

■ 26.2087, 0.3463,
0.3846

■ 25.4939, 0.3875,
0.4525

■ 26.5427, 0.3316,
0.3602

■ 25.3427, 0.3984,
0.4706


■ 26.9283, 0.3171,
0.3363


■ 25.2301, 0.4072,
0.4851


■ 27.3677, 0.3032,
0.3132

■ 25.1526, 0.4136,
0.4956

■ 27.8628, 0.2900,
0.2915


 25.1059, 0.4175,
0.5020

 28.4155, 0.2778,
0.2712

 25.0829, 0.4194,
0.5052

 29.0275, 0.2665,
0.2526

 29.7005, 0.2561,
0.2355

 30.4363, 0.2468,
0.2200

Harmonies

Analogous

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



25.9230, 0.3922, 0.3906



25.9230, 0.3609, 0.4086



25.9230, 0.3180, 0.4031

Triad

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



25.9230, 0.3609, 0.4086



25.9230, 0.2311, 0.2892



25.9230, 0.3478, 0.2903

Complementary

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



25.9230, 0.3609, 0.4086



12.5762, 0.2557, 0.2347

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.



25.9230, 0.3023, 0.2669



25.9230, 0.3609, 0.4086



25.9230, 0.2376, 0.2643

Square

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



25.9230, 0.3609, 0.4086



25.9230, 0.2444, 0.3288



25.9230, 0.2626, 0.2572



25.9230, 0.3853, 0.3230

Rectangle

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



25.9230, 0.3609, 0.4086



25.9230, 0.2888, 0.3850



25.9230, 0.2626, 0.2572



25.9230, 0.3328, 0.2812

Sweetspot

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



25.9242, 0.3609, 0.4086



46.9774, 0.3274, 0.3532



14.7783, 0.3849, 0.3278



10.4745, 0.3292, 0.3562



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.



25.9242, 0.3609, 0.4086



45.3692, 0.3717, 0.4265



24.1218, 0.3345, 0.4161



6.2849, 0.3259, 0.3507



22.5131, 0.4194, 0.5052



0.2153, 0.4194, 0.5052

Inverse Universe

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



12.5762, 0.2557, 0.2347



17.9641, 0.2398, 0.2086



13.9712, 0.2839, 0.2417



5.2554, 0.2990, 0.3063



1.7551, 0.1500, 0.0601



0.0169, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 25.9230, 0.3609, 0.4086 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 25.9230, 0.3609, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

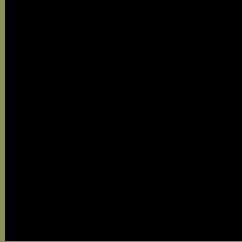
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

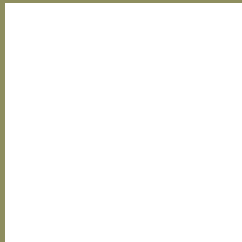
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9230, 0.3609, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 25.9230, 0.3609, 0.4086.



This preview shows how white text looks on a background with the Yxy color 25.9230, 0.3609, 0.4086.

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

25.9230, 0.3609, 0.4086

Protanopia

25.8527, 0.3742, 0.4028

Deuteranopia

25.7451, 0.3926, 0.3848



Tritanopia

25.9795, 0.3157, 0.3130

Trichromacy



Original Color

25.9230, 0.3609, 0.4086

Protanomaly

25.8602, 0.3700, 0.4053

Deuteranomaly

25.6209, 0.3810, 0.3933

Tritanomaly

25.8203, 0.3332, 0.3473

Monochromacy



Original Color

25.9230, 0.3609, 0.4086

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3593, 0.3303, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9230, 0.3609, 0.4086 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(142, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 95)  
}
```

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(142, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.9230, 0.3609, 0.4086 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(142, 142, 95) }
```

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

```
.border{ border-color:rgb(142, 142, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9230, 0.3609, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 95) }
```

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

```
.background{ background-color: rgb(142,  
142, 95) }
```

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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