

Converting Colors

$Y_{xy}(25.4809, 0.3637, 0.4193)$

Have a look what the booklet for
Yxy(25.4809, 0.3637, 0.4193)
contains.

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Color

Yxy(25.5562, 0.3633, 0.4197)

Conversions

Conversions Part 1

Format	Color
Hex	8B8E59
RGB	139, 142, 89
RGB Percent	55%, 56%, 35%
CMY	0.4549, 0.4431, 0.6511
CMYK	0.02, 0.00, 0.37, 0.44
HSL	63°, 23%, 45%
HSV	63°, 37%, 56%
XYZ	22.1219, 25.5562, 13.2135
YIQ	135.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

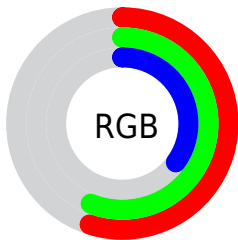
Format	Color
R_{YB}	89, 142, 92
Decimal	9145945
CIE _{Lab}	57.61, -9.74, 27.90
CIE _{LCh}	58, 29.552, 109.240
Yxy	25.5562, 0.3633, 0.4197
Android (android.graphics.Color)	4287336025 (0xFF8B8E59)
YUV	135.0610, -22.7081, 3.4545
Hunter-Lab	50.5531, -10.3569, 19.8901

Details

The Yxy color **25.5562, 0.3633, 0.4197** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.3698, 0.2506, 0.2214**, and the grayscale version is **24.3335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7108, 0.3528, 0.4002**, and **9.8962, 0.3788, 0.4533** is the 20% darker color. If you saturate the color by 10%, you get **25.2722, 0.3757, 0.4427**, and if you desaturate by 10%, it is **25.8891, 0.3500, 0.3954**.

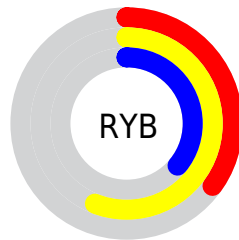
Distribution



Red (55%)

Green (56%)

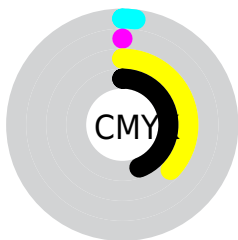
Blue (35%)



Red (35%)

Yellow (56%)

Blue (36%)

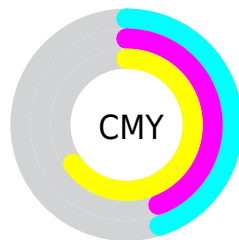


Cyan (2%)

Magenta (0%)

Yellow (37%)

Black (44%)



Cyan (45%)

Magenta (44%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5562, 0.3633, 0.4197 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 25.5562, 0.3633, 0.4197 by changing the saturation by 10% instead.


 25.5562, 0.3633,
0.4197


 25.5562, 0.3633,
0.4197


280.5966, 0.3366,
0.3692


 16.4919, 0.3701,
0.4340


 52.5581, 0.3534,
0.4001


 9.8729, 0.3787,
0.4533


 71.2645, 0.3497,
0.3931


 5.3148, 0.3893,
0.4805

 93.9538, 0.3466,
0.3874

 2.4331, 0.4187,
0.5428

 121.0103, 0.3440,
0.3825

 0.8428, 0.4006,
0.5994

 152.8185, 0.3418,
0.3785

 0.0000, 0.0000,
0.0000

189.7626, 0.3398,

0.3750

232.2272, 0.3381,
0.3719

■ 25.5562, 0.3633,
0.4197

■ 25.5562, 0.3633,
0.4197

■ 25.2722, 0.3757,
0.4427

■ 25.8891, 0.3500,
0.3954

■ 25.0308, 0.3867,
0.4635

■ 26.2698, 0.3362,
0.3707

■ 24.8304, 0.3958,
0.4813

■ 26.7018, 0.3225,
0.3464

■ 24.6677, 0.4026,
0.4953

■ 27.1872, 0.3092,
0.3229

■ 24.5389, 0.4070,
0.5052

■ 27.7279, 0.2965,
0.3006

■ 24.4368, 0.4091,
0.5114

■ 28.3260, 0.2846,
0.2798

■ 24.4109, 0.4096,
0.5129

■ 28.9831, 0.2735,
0.2607

■ 29.7011, 0.2633,
0.2432

■ 30.4816, 0.2540,
0.2272

Harmonies

Analogous

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



25.5562, 0.4003, 0.3999



25.5562, 0.3633, 0.4197



25.5562, 0.3144, 0.4120

Triad

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



25.5562, 0.3633, 0.4197



25.5562, 0.2212, 0.2809



25.5562, 0.3559, 0.2879

Complementary

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



25.5562, 0.3633, 0.4197



11.3698, 0.2506, 0.2214

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.



25.5562, 0.3044, 0.2610



25.5562, 0.3633, 0.4197



25.5562, 0.2299, 0.2550

Square

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



25.5562, 0.3633, 0.4197



25.5562, 0.2341, 0.3246



25.5562, 0.2591, 0.2489



25.5562, 0.3973, 0.3246

Rectangle

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



25.5562, 0.3633, 0.4197



25.5562, 0.2820, 0.3900



25.5562, 0.2591, 0.2489



25.5562, 0.3390, 0.2776

Sweetspot

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



25.5574, 0.3633, 0.4197



46.7740, 0.3278, 0.3558



14.0630, 0.3980, 0.3341



10.4272, 0.3294, 0.3586



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.



25.5574, 0.3633, 0.4197



44.6263, 0.3741, 0.4396



23.5694, 0.3329, 0.4296



6.2700, 0.3251, 0.3508



21.9177, 0.4097, 0.5129



0.2126, 0.4148, 0.5088

Inverse Universe

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



11.3698, 0.2506, 0.2214



15.7919, 0.2334, 0.1923



12.9565, 0.2839, 0.2307



5.2687, 0.2998, 0.3063



1.8031, 0.1525, 0.0614



0.0196, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 25.5562, 0.3633, 0.4197 looks on a white background.

Color Contrast Check

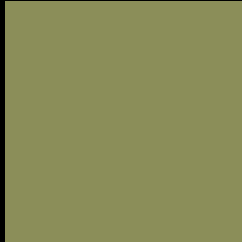
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5562, 0.3633, 0.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

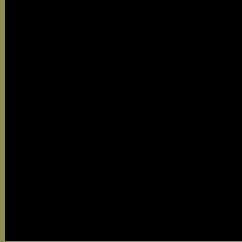
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5562, 0.3633, 0.4197

Background



This preview shows how black text looks on a background with the Yxy color 25.5562, 0.3633, 0.4197.



This preview shows how white text looks on a background with the Yxy color 25.5562, 0.3633, 0.4197.

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

25.5562, 0.3633, 0.4197

Protanopia

25.4608, 0.3810, 0.4108

Deuteranopia

25.3649, 0.4000, 0.3923



Tritanopia

25.5143, 0.3136, 0.3112

Trichromacy



Original Color

25.5562, 0.3633, 0.4197

Protanomaly

25.3729, 0.3755, 0.4138

Deuteranomaly

25.4144, 0.3862, 0.4030

Tritanomaly

25.4973, 0.3319, 0.3509

Monochromacy



Original Color

25.5562, 0.3633, 0.4197

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.7192, 0.3313, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5562, 0.3633, 0.4197 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(139, 142, 89)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 89)  
}
```

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(139, 142, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 89) }
```

Border

The CSS property to change the border of an element to Yxy 25.5562, 0.3633, 0.4197 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(139, 142, 89) }
```

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

```
.border{ border-color:rgb(139, 142, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 142, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 89);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5562, 0.3633, 0.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 89) }
```

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

```
.background{ background-color: rgb(139,  
142, 89) }
```

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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