

Converting Colors

$Yxy(25.0356, 0.3347, 0.3929)$

Have a look what the booklet for
Yxy(25.0356, 0.3347, 0.3929)
contains.

Yxy(25.0537, 0.3347, 0.3931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0537, 0.3347, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	818E6A
RGB	129, 142, 106
RGB Percent	51%, 56%, 42%
CMY	0.4940, 0.4432, 0.5843
CMYK	0.09, 0.00, 0.25, 0.44
HSL	82°, 15%, 49%
HSV	82°, 25%, 56%
XYZ	21.3317, 25.0537, 17.3483
YIQ	134.0090, 3.8080, -13.9520

Conversions

Conversions Part 2

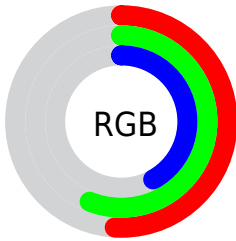
Format	Color
R_{YB}	106, 142, 119
Decimal	8490602
CIE _{Lab}	57.13, -11.35, 17.66
CIE _{LCh}	57, 20.991, 122.736
Yxy	25.0537, 0.3347, 0.3931
Android (android.graphics.Color)	4286680682 (0xFF818E6A)
YUV	134.0090, -13.8084, -4.3929
Hunter-Lab	50.0537, -11.5216, 14.4880

Details

The Yxy color $25.0537, 0.3347, 0.3931$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.1815, 0.2863, 0.2627$, and the grayscale version is $23.8967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8593, 0.3305, 0.3799$, and $9.6220, 0.3415, 0.4204$ is the 20% darker color. If you saturate the color by 10%, you get $24.3928, 0.3429, 0.4204$, and if you desaturate by 10%, it is $25.7858, 0.3261, 0.3667$.

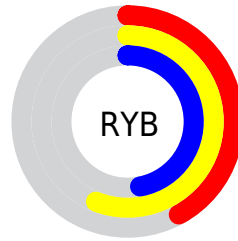
Distribution



Red (51%)

Green (56%)

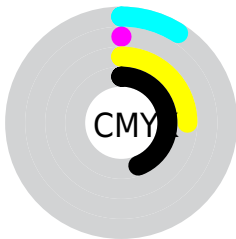
Blue (42%)



Red (42%)

Yellow (56%)

Blue (47%)

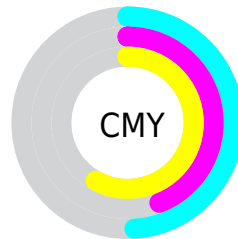


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (49%)


Magenta (44%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0537, 0.3347, 0.3931 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 25.0537, 0.3347, 0.3931 by changing the saturation by 10% instead.


 25.0537, 0.3347,
0.3931


 25.0537, 0.3347,
0.3931


278.1053, 0.3231,
0.3569


 16.1171, 0.3377,
0.4038


 51.7443, 0.3304,
0.3788


 9.6070, 0.3416,
0.4186


 70.2671, 0.3288,
0.3738

 5.1392, 0.3467,
0.4406

 92.7541, 0.3274,
0.3697

 2.3292, 0.3534,
0.4767

 119.5896, 0.3263,
0.3663

 0.7891, 0.3747,
0.6253

151.1581, 0.3253,
0.3634

 0.0000, 0.0000,
0.0000

187.8439, 0.3245,

0.3610

230.0315, 0.3238,
0.3588

■ 25.0537, 0.3347,
0.3931

■ 25.0537, 0.3347,
0.3931

■ 24.3928, 0.3429,
0.4204

■ 25.7858, 0.3261,
0.3667

■ 23.7970, 0.3502,
0.4477

■ 26.5883, 0.3173,
0.3417

■ 23.2646, 0.3562,
0.4740

■ 27.4647, 0.3087,
0.3184

■ 22.7924, 0.3604,
0.4983

■ 28.4172, 0.3004,
0.2970

■ 22.3769, 0.3626,
0.5194

■ 29.4480, 0.2925,
0.2774

■ 22.0140, 0.3624,
0.5361

■ 30.5591, 0.2851,
0.2598

■ 21.6984, 0.3600,
0.5483

■ 31.7526, 0.2782,
0.2439

■ 21.5612, 0.3586,
0.5534

■ 33.0302, 0.2718,
0.2296

■ 34.3939, 0.2658,
0.2167

Harmonies

Analogous

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



25.0537, 0.3660, 0.3887



25.0537, 0.3347, 0.3931



25.0537, 0.2987, 0.3774

Triad

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



25.0537, 0.3347, 0.3931



25.0537, 0.2465, 0.2846



25.0537, 0.3585, 0.3109

Complementary

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



25.0537, 0.3347, 0.3931



16.1815, 0.2863, 0.2627

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.



25.0537, 0.3239, 0.2868



25.0537, 0.3347, 0.3931



25.0537, 0.2603, 0.2712

Square

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



25.0537, 0.3347, 0.3931



25.0537, 0.2491, 0.3116



25.0537, 0.2880, 0.2725



25.0537, 0.3808, 0.3402

Rectangle

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



25.0537, 0.3347, 0.3931



25.0537, 0.2769, 0.3577



25.0537, 0.2880, 0.2725



25.0537, 0.3478, 0.3021

Sweetspot

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



25.0548, 0.3347, 0.3931



46.4780, 0.3198, 0.3486



19.8900, 0.3587, 0.3514



10.3373, 0.3210, 0.3520



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.



25.0548, 0.3347, 0.3931



43.5547, 0.3391, 0.4074



23.7908, 0.3152, 0.3971



6.1896, 0.3207, 0.3511



19.3710, 0.3589, 0.5532



0.1977, 0.3874, 0.5306

Inverse Universe

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



16.1815, 0.2863, 0.2627



25.3475, 0.2797, 0.2472



17.5463, 0.3086, 0.2669



5.3436, 0.3042, 0.3066



2.3983, 0.1807, 0.0769



0.0345, 0.2292, 0.1037

Previews

White Background



This preview shows how the Yxy color 25.0537, 0.3347, 0.3931 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 25.0537, 0.3347, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

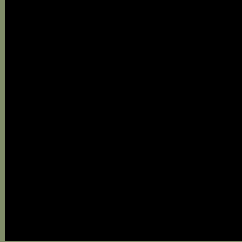
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

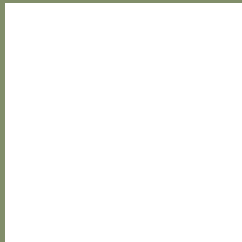
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0537, 0.3347, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 25.0537, 0.3347, 0.3931.



This preview shows how white text looks on a background with the Yxy color 25.0537, 0.3347, 0.3931.

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

25.0537, 0.3347, 0.3931

Protanopia

25.0938, 0.3597, 0.3844

Deuteranopia

24.7889, 0.3737, 0.3659



Tritanopia

25.1488, 0.3005, 0.3123

Trichromacy



Original Color

25.0537, 0.3347, 0.3931

Protanomaly

25.0606, 0.3494, 0.3875

Deuteranomaly

24.7790, 0.3596, 0.3758

Tritanomaly

25.1177, 0.3132, 0.3410

Monochromacy



Original Color

25.0537, 0.3347, 0.3931

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2521, 0.3206, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0537, 0.3347, 0.3931 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(129, 142, 106)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 106)  
}
```

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(129, 142, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.0537, 0.3347, 0.3931 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(129, 142, 106) }
```

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

```
.border{ border-color:rgb(129, 142, 106) }
```

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

Here you see how a box with a 4 pixel rgb(129, 142, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 106);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0537, 0.3347, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 106) }
```

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

```
.background{ background-color: rgb(129,  
142, 106) }
```

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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