

Converting Colors

$Y_{xy}(25.2612, 0.3517, 0.4113)$

Have a look what the booklet for
Yxy(25.2612, 0.3517, 0.4113)
contains.

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Color

$Y_{xy}(25.2406, 0.3515, 0.4113)$

Conversions

Conversions Part 1

Format	Color
Hex	868E5F
RGB	134, 142, 95
RGB Percent	53%, 56%, 37%
CMY	0.4745, 0.4431, 0.6275
CMYK	0.06, 0.00, 0.33, 0.44
HSL	70°, 20%, 46%
HSV	70°, 33%, 56%
XYZ	21.5708, 25.2406, 14.5565
YIQ	134.2500, 10.3190, -16.3130

Conversions

Conversions Part 2

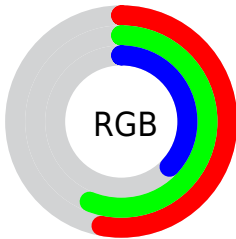
Format	Color
R_{YB}	95, 142, 103
Decimal	8818271
CIE _{Lab}	57.31, -11.00, 24.13
CIE _{LCh}	57, 26.519, 114.511
Yxy	25.2406, 0.3515, 0.4113
Android (android.graphics.Color)	4287008351 (0xFF868E5F)
YUV	134.2500, -19.3502, -0.2193
Hunter-Lab	50.2400, -11.2802, 17.9894

Details

The Yxy color $25.2406, 0.3515, 0.4113$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.0157, 0.2652, 0.2370$, and the grayscale version is $24.0073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2465, 0.3439, 0.3935$, and $9.7525, 0.3640, 0.4428$ is the 20% darker color. If you saturate the color by 10%, you get $24.8106, 0.3624, 0.4364$, and if you desaturate by 10%, it is $25.7244, 0.3399, 0.3858$.

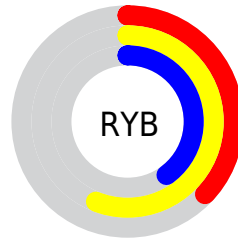
Distribution



Red (53%)

Green (56%)

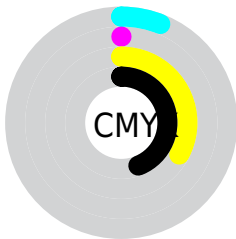
Blue (37%)



Red (37%)

Yellow (56%)

Blue (40%)

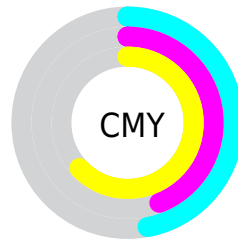


Cyan (6%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (47%)


Magenta (44%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2406, 0.3515, 0.4113 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 25.2406, 0.3515, 0.4113 by changing the saturation by 10% instead.


 25.2406, 0.3515,
0.4113


 25.2406, 0.3515,
0.4113

279.0340, 0.3310,
0.3651


 16.2564, 0.3568,
0.4247


 52.0473, 0.3439,
0.3932


 9.7058, 0.3635,
0.4430


 70.6385, 0.3411,
0.3868

 5.2043, 0.3719,
0.4695

 93.2010, 0.3387,
0.3816

 2.3676, 0.3903,
0.5216

 120.1189, 0.3367,
0.3772

 0.8092, 0.3822,
0.6178

151.7768, 0.3350,
0.3735

 0.0000, 0.0000,
0.0000

188.5590, 0.3335,

0.3703

230.8500, 0.3322,
0.3675

■ 25.2406, 0.3515,
0.4113

■ 25.2406, 0.3515,
0.4113

■ 24.8106, 0.3624,
0.4364

■ 25.7244, 0.3399,
0.3858

■ 24.4285, 0.3720,
0.4600

■ 26.2611, 0.3281,
0.3606

■ 24.0926, 0.3800,
0.4813

■ 26.8541, 0.3163,
0.3363

■ 23.7997, 0.3858,
0.4993

■ 27.5053, 0.3049,
0.3133

■ 23.5462, 0.3893,
0.5133

■ 28.2169, 0.2941,
0.2919

■ 23.3280, 0.3903,
0.5230

■ 28.9907, 0.2839,
0.2722

■ 23.1893, 0.3902,
0.5283

■ 29.8285, 0.2744,
0.2542

■ 30.7321, 0.2656,
0.2378

■ 31.7031, 0.2576,
0.2230

Harmonies

Analogous

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



25.2406, 0.3874, 0.3980



25.2406, 0.3515, 0.4113



25.2406, 0.3067, 0.3990

Triad

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



25.2406, 0.3515, 0.4113



25.2406, 0.2295, 0.2804



25.2406, 0.3593, 0.2972

Complementary

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



25.2406, 0.3515, 0.4113



13.0157, 0.2652, 0.2370

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.



25.2406, 0.3136, 0.2706



25.2406, 0.3515, 0.4113



25.2406, 0.2409, 0.2597

Square

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



25.2406, 0.3515, 0.4113



25.2406, 0.2379, 0.3177



25.2406, 0.2706, 0.2569



25.2406, 0.3933, 0.3318

Rectangle

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



25.2406, 0.3515, 0.4113



25.2406, 0.2781, 0.3768



25.2406, 0.2706, 0.2569



25.2406, 0.3446, 0.2871

Sweetspot

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



25.2417, 0.3515, 0.4113



46.6015, 0.3246, 0.3534



16.2410, 0.3817, 0.3434



10.3806, 0.3261, 0.3564



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.



25.2417, 0.3515, 0.4113



43.9160, 0.3600, 0.4307



23.5295, 0.3248, 0.4188



6.2397, 0.3234, 0.3509



20.8269, 0.3904, 0.5282



0.2070, 0.4053, 0.5164

Inverse Universe

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



13.0157, 0.2652, 0.2370



18.8146, 0.2516, 0.2121



14.5945, 0.2952, 0.2445



5.2963, 0.3014, 0.3065



1.9352, 0.1591, 0.0650



0.0252, 0.1909, 0.0825

Previews

White Background



This preview shows how the Yxy color 25.2406, 0.3515, 0.4113 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 25.2406, 0.3515, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

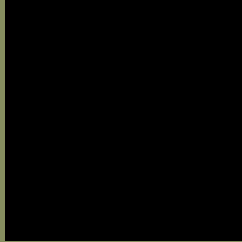
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

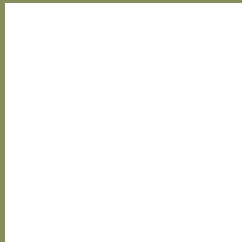
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2406, 0.3515, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 25.2406, 0.3515, 0.4113.



This preview shows how white text looks on a background with the Yxy color 25.2406, 0.3515, 0.4113.

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

25.2406, 0.3515, 0.4113

Protanopia

25.0712, 0.3739, 0.4021

Deuteranopia

25.1521, 0.3896, 0.3841



Tritanopia

25.3464, 0.3080, 0.3126

Trichromacy



Original Color

25.2406, 0.3515, 0.4113

Protanomaly

25.2027, 0.3658, 0.4051

Deuteranomaly

25.1282, 0.3749, 0.3948

Tritanomaly

25.1125, 0.3241, 0.3478

Monochromacy



Original Color

25.2406, 0.3515, 0.4113

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3157, 0.3271, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2406, 0.3515, 0.4113 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(134, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 142, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.2406, 0.3515, 0.4113 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(134, 142, 95) }
```

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

```
.border{ border-color:rgb(134, 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(134, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(134, 142,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2406, 0.3515, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 142, 95) }
```

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

```
.background{ background-color: rgb(134,  
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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