

Converting Colors

$Y_{xy}(25.4386, 0.3488, 0.4251)$

Have a look what the booklet for
Yxy(25.4386, 0.3488, 0.4251)
contains.

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Color

Yxy(25.3518, 0.3497, 0.4247)

Conversions

Conversions Part 1

Format	Color
Hex	81905A
RGB	129, 144, 90
RGB Percent	51%, 56%, 35%
CMY	0.4940, 0.4353, 0.6470
CMYK	0.10, 0.00, 0.37, 0.44
HSL	77°, 23%, 46%
HSV	77°, 37%, 56%
XYZ	20.8748, 25.3518, 13.4668
YIQ	133.3590, 8.3940, -19.9740

Conversions

Conversions Part 2

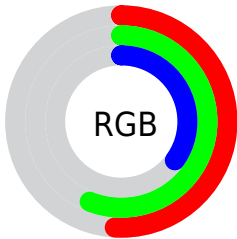
Format	Color
R_{YB}	90, 144, 105
Decimal	8491098
CIE _{Lab}	57.42, -14.78, 26.93
CIE _{LCh}	57, 30.723, 118.759
Yxy	25.3518, 0.3497, 0.4247
Android (android.graphics.Color)	4286681178 (0xFF81905A)
YUV	133.3590, -21.3760, -3.8228
Hunter-Lab	50.3506, -14.1094, 19.3876

Details

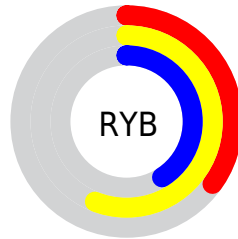
The Yxy color $25.3518, 0.3497, 0.4247$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.3287, 0.2646, 0.2248$, and the grayscale version is $23.6724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3785, 0.3429, 0.4033$, and $9.8421, 0.3600, 0.4624$ is the 20% darker color. If you saturate the color by 10%, you get $24.8243, 0.3582, 0.4508$, and if you desaturate by 10%, it is $25.9413, 0.3402, 0.3982$.

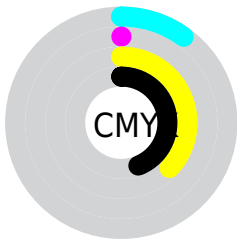
Distribution



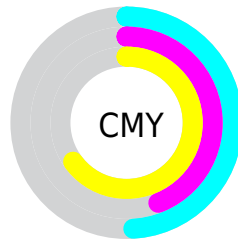
- Red (51%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)





- Cyan (49%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3518, 0.3497, 0.4247 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 25.3518, 0.3497, 0.4247 by changing the saturation by 10% instead.


 25.3518, 0.3497,
0.4247


 25.3518, 0.3497,
0.4247


279.5854, 0.3306,
0.3707


 16.3394, 0.3543,
0.4404


 52.2274, 0.3428,
0.4035

 9.7646, 0.3598,
0.4620


 70.8593, 0.3402,
0.3960

 5.2432, 0.3661,
0.4930

 93.4665, 0.3380,
0.3899

 2.3906, 0.3864,
0.5626

 120.4333, 0.3361,
0.3848

 0.8211, 0.3382,
0.6618

152.1443, 0.3344,
0.3805

 0.0000, 0.0000,
0.0000

188.9837, 0.3330,

0.3767

231.3359, 0.3318,
0.3735

■ 25.3518, 0.3497,
0.4247

■ 25.3518, 0.3497,
0.4247

■ 24.8243, 0.3582,
0.4508

■ 25.9413, 0.3402,
0.3982

■ 24.3524, 0.3653,
0.4754

■ 26.5921, 0.3303,
0.3720

■ 23.9343, 0.3705,
0.4975


■ 27.3078, 0.3202,
0.3469

■ 23.5662, 0.3735,
0.5160

■ 28.0907, 0.3103,
0.3232

■ 23.2442, 0.3740,
0.5303

■ 28.9431, 0.3007,
0.3012

 22.9607, 0.3725,
0.5404

 29.8670, 0.2916,
0.2811

 22.8925, 0.3720,
0.5428

 30.8644, 0.2830,
0.2627

 31.9372, 0.2751,
0.2460

 33.0874, 0.2677,
0.2310

Harmonies

Analogous

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



25.3518, 0.3937, 0.4116



25.3518, 0.3497, 0.4247



25.3518, 0.2979, 0.4065

Triad

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



25.3518, 0.3497, 0.4247



25.3518, 0.2182, 0.2680



25.3518, 0.3734, 0.2975

Complementary

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



25.3518, 0.3497, 0.4247



12.3287, 0.2646, 0.2248

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.



25.3518, 0.3210, 0.2659



25.3518, 0.3497, 0.4247



25.3518, 0.2341, 0.2479

Square

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



25.3518, 0.3497, 0.4247



25.3518, 0.2243, 0.3082



25.3518, 0.2703, 0.2480



25.3518, 0.4096, 0.3373

Rectangle

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



25.3518, 0.3497, 0.4247



25.3518, 0.2661, 0.3780



25.3518, 0.2703, 0.2480



25.3518, 0.3568, 0.2858

Sweetspot

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



25.3529, 0.3497, 0.4247



47.6822, 0.3240, 0.3561



16.6493, 0.3909, 0.3549



10.8998, 0.3252, 0.3591



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.3529, 0.3497, 0.4247



43.9260, 0.3570, 0.4468



23.5441, 0.3203, 0.4343



6.2113, 0.3219, 0.3510



19.9482, 0.3723, 0.5426



0.2017, 0.3955, 0.5241

Inverse Universe

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



12.3287, 0.2646, 0.2248



17.5359, 0.2510, 0.1981



14.1840, 0.2996, 0.2346



5.3229, 0.3030, 0.3066



2.1557, 0.1696, 0.0708



0.0305, 0.2134, 0.0949

Previews

White Background



This preview shows how the Yxy color 25.3518, 0.3497, 0.4247 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 25.3518, 0.3497, 0.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

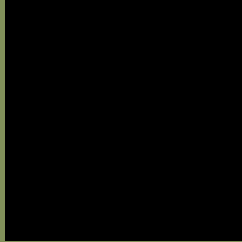
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3518, 0.3497, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 25.3518, 0.3497, 0.4247.



This preview shows how white text looks on a background with the Yxy color 25.3518, 0.3497, 0.4247.

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

25.3518, 0.3497, 0.4247

Protanopia

25.3656, 0.3798, 0.4112

Deuteranopia

25.2922, 0.3966, 0.3896



Tritanopia

25.3478, 0.3017, 0.3108

Trichromacy



Original Color

25.3518, 0.3497, 0.4247

Protanomaly

25.2282, 0.3679, 0.4156

Deuteranomaly

25.0564, 0.3792, 0.4012

Tritanomaly

25.3568, 0.3193, 0.3514

Monochromacy



Original Color

25.3518, 0.3497, 0.4247

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0812, 0.3279, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3518, 0.3497, 0.4247 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, 144, 90)` looks like.

```
.text, #text, p{  
    color:rgb(129, 144, 90)  
}
```

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, 144, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 144, 90) }
```

Border

The CSS property to change the border of an element to Yxy 25.3518, 0.3497, 0.4247 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, 144, 90) }
```

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

```
.border{ border-color:rgb(129, 144, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 144, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 144, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 144, 90);  
box-shadow:4px 4px 4px 4px rgb(129, 144,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3518, 0.3497, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 144, 90) }
```

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

```
.background{ background-color: rgb(129,  
144, 90) }
```

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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