

Converting Colors

$Y_{xy}(25.1468, 0.3356, 0.4141)$

Have a look what the booklet for
Yxy(25.1468, 0.3356, 0.4141)
contains.

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Color

Yxy(25.0205, 0.3361, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	7B9061
RGB	123, 144, 97
RGB Percent	48%, 56%, 38%
CMY	0.5177, 0.4353, 0.6195
CMYK	0.15, 0.00, 0.33, 0.44
HSL	87°, 19%, 47%
HSV	87°, 33%, 56%
XYZ	20.2978, 25.0205, 15.0739
YIQ	132.3630, 2.5710, -19.0690

Conversions

Conversions Part 2

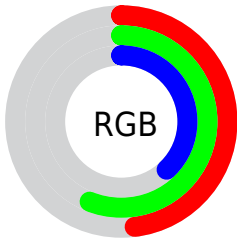
Format	Color
R_YB	97, 144, 118
Decimal	8097889
CIE Lab	57.10, -16.20, 22.56
CIE LCh	57, 27.778, 125.681
Yxy	25.0205, 0.3361, 0.4143
Android (android.graphics.Color)	4286287969 (0xFF7B9061)
YUV	132.3630, -17.4340, -8.2114
Hunter-Lab	50.0205, -15.1023, 17.1470

Details

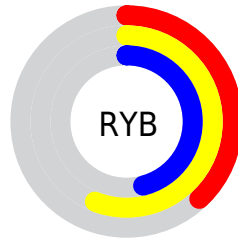
The Yxy color $25.0205, 0.3361, 0.4143$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.4223, 0.2822, 0.2424$, and the grayscale version is $23.2757, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7564, 0.3318, 0.3953$, and $9.6522, 0.3412, 0.4495$ is the 20% darker color. If you saturate the color by 10%, you get $24.3171, 0.3422, 0.4428$, and if you desaturate by 10%, it is $25.8061, 0.3292, 0.3865$.

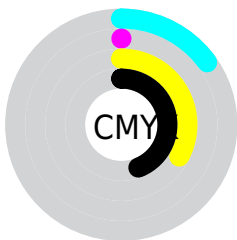
Distribution



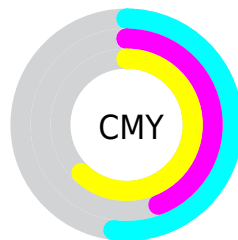
- Red (48%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)





- Cyan (52%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0205, 0.3361, 0.4143 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 25.0205, 0.3361, 0.4143 by changing the saturation by 10% instead.


 25.0205, 0.3361,
0.4143


 25.0205, 0.3361,
0.4143


277.9400, 0.3242,
0.3658

 16.0923, 0.3389,
0.4287


 51.6905, 0.3318,
0.3951

 9.5895, 0.3422,
0.4488


 70.2011, 0.3302,
0.3884

 5.1277, 0.3458,
0.4784

 92.6746, 0.3288,
0.3829

 2.3224, 0.3540,
0.5347

 119.4955, 0.3276,
0.3783

 0.7855, 0.3089,
0.6911

151.0480, 0.3266,
0.3745

 0.0000, 0.0000,
0.0000

187.7167, 0.3257,

0.3712

229.8859, 0.3249,
0.3683

■ 25.0205, 0.3361,
0.4143

■ 25.0205, 0.3361,
0.4143

■ 24.3171, 0.3422,
0.4428

■ 25.8061, 0.3292,
0.3865

■ 23.6895, 0.3472,
0.4709

■ 26.6738, 0.3220,
0.3599

■ 23.1352, 0.3505,
0.4974


■ 27.6274, 0.3146,
0.3352


■ 22.6503, 0.3519,
0.5210


■ 28.6696, 0.3074,
0.3124


■ 22.2307, 0.3512,
0.5406

■ 29.8030, 0.3004,
0.2917


 21.8711, 0.3482,
0.5552

 31.0300, 0.2937,
0.2729

 21.6350, 0.3453,
0.5640

 32.3530, 0.2875,
0.2561

 33.7743, 0.2816,
0.2410

 35.2960, 0.2762,
0.2276

Harmonies

Analogous

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



25.0205, 0.3788, 0.4092



25.0205, 0.3361, 0.4143



25.0205, 0.2890, 0.3910

Triad

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



25.0205, 0.3361, 0.4143



25.0205, 0.2277, 0.2677



25.0205, 0.3773, 0.3084

Complementary

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



25.0205, 0.3361, 0.4143



14.4223, 0.2822, 0.2424

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.



25.0205, 0.3318, 0.2769



25.0205, 0.3361, 0.4143



25.0205, 0.2470, 0.2532

Square

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



25.0205, 0.3361, 0.4143



25.0205, 0.2287, 0.3007



25.0205, 0.2840, 0.2571



25.0205, 0.4047, 0.3460

Rectangle

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



25.0205, 0.3361, 0.4143



25.0205, 0.2616, 0.3628



25.0205, 0.2840, 0.2571



25.0205, 0.3634, 0.2969

Sweetspot

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



25.0216, 0.3361, 0.4143



47.4345, 0.3202, 0.3538



19.6052, 0.3736, 0.3650



10.8306, 0.3211, 0.3570



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.



25.0216, 0.3361, 0.4143



43.2224, 0.3406, 0.4347



23.5303, 0.3115, 0.4211



6.1670, 0.3194, 0.3512



18.8522, 0.3457, 0.5637



0.1933, 0.3782, 0.5379

Inverse Universe

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



14.4223, 0.2822, 0.2424



21.6001, 0.2736, 0.2213



16.2190, 0.3122, 0.2497



5.3657, 0.3055, 0.3067



2.7293, 0.1951, 0.0848



0.0389, 0.2448, 0.1122

Previews

White Background



This preview shows how the Yxy color 25.0205, 0.3361, 0.4143 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 25.0205, 0.3361, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

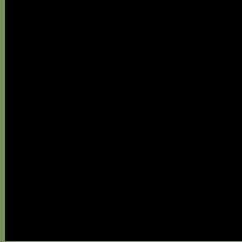
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0205, 0.3361, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 25.0205, 0.3361, 0.4143.



This preview shows how white text looks on a background with the Yxy color 25.0205, 0.3361, 0.4143.

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

25.0205, 0.3361, 0.4143

Protanopia

24.9954, 0.3717, 0.4008

Deuteranopia

24.8341, 0.3855, 0.3782



Tritanopia

25.0609, 0.2944, 0.3121

Trichromacy



Original Color

25.0205, 0.3361, 0.4143

Protanomaly

25.0714, 0.3583, 0.4066

Deuteranomaly

24.8051, 0.3668, 0.3910

Tritanomaly

24.8532, 0.3097, 0.3483

Monochromacy



Original Color

25.0205, 0.3361, 0.4143

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6074, 0.3225, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0205, 0.3361, 0.4143 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(123, 144, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 144, 97)  
}
```

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(123, 144, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 144, 97) }
```

Border

The CSS property to change the border of an element to Yxy 25.0205, 0.3361, 0.4143 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(123, 144, 97) }
```

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

```
.border{ border-color:rgb(123, 144, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 144, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 144, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 144, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 144,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0205, 0.3361, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 144, 97) }
```

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

```
.background{ background-color: rgb(123,  
144, 97) }
```

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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