

Converting Colors

$Y_{xy}(25.2214, 0.3492, 0.3417)$

Have a look what the booklet for
Yxy(25.2214, 0.3492, 0.3417)
contains.

Yxy(25.3236, 0.3484, 0.3420)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3236, 0.3484, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	9C857D
RGB	156, 133, 125
RGB Percent	61%, 52%, 49%
CMY	0.3883, 0.4784, 0.5099
CMYK	0.00, 0.15, 0.20, 0.39
HSL	16°, 14%, 55%
HSV	16°, 20%, 61%
XYZ	25.7975, 25.3236, 22.9245
YIQ	138.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

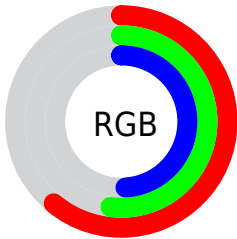
Format	Color
R_{YB}	156, 136, 125
Decimal	10257789
CIE Lab	57.39, 7.40, 7.55
CIE LCh	57, 10.571, 45.598
Yxy	25.3236, 0.3484, 0.3420
Android (android.graphics.Color)	4288447869 (0xFF9C857D)
YUV	138.9650, -6.8847, 14.9397
Hunter-Lab	50.3226, 3.4422, 8.2161

Details

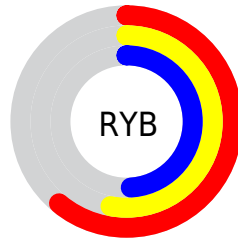
The Yxy color $25.3236, 0.3484, 0.3420$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.9287, 0.2830, 0.3156$, and the grayscale version is $25.8267, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1810, 0.3405, 0.3387$, and $9.6514, 0.3619, 0.3456$ is the 20% darker color. If you saturate the color by 10%, you get $21.9629, 0.3716, 0.3490$, and if you desaturate by 10%, it is $29.0977, 0.3289, 0.3353$.

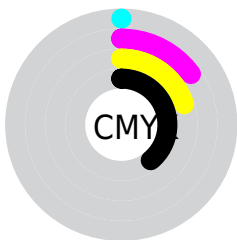
Distribution



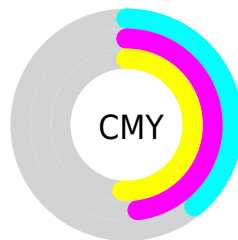
- Red (61%)
- Green (52%)
- Blue (49%)



- Red (61%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (39%)





- Cyan (39%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3236, 0.3484, 0.3420 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 25.3236, 0.3484, 0.3420 by changing the saturation by 10% instead.


 25.3236, 0.3484,
0.3420


 25.3236, 0.3484,
0.3420


279.4457, 0.3286,
0.3351


 16.3183, 0.3541,
0.3439


 52.1817, 0.3407,
0.3394

 9.7497, 0.3620,
0.3463


 70.8033, 0.3380,
0.3384

 5.2333, 0.3735,
0.3498

 93.3992, 0.3357,
0.3376

 2.3848, 0.3919,
0.3548

120.3536, 0.3338,
0.3370

 0.8180, 0.4494,
0.3815

152.0511, 0.3322,
0.3364

 0.0000, 0.0000,
0.0000

188.8760, 0.3309,

0.3359

231.2128, 0.3297,
0.3355

■ 25.3236, 0.3484,
0.3420

■ 25.3236, 0.3484,
0.3420

■ 21.9629, 0.3716,
0.3490

■ 29.0977, 0.3289,
0.3353

■ 18.9981, 0.3988,
0.3560

■ 33.2954, 0.3125,
0.3289

■ 16.4154, 0.4303,
0.3625

■ 37.9304, 0.2988,
0.3231

■ 14.1987, 0.4657,
0.3677

■ 43.0152, 0.2873,
0.3177

■ 12.3310, 0.5035,
0.3707

■ 48.5616, 0.2775,
0.3128

■ 10.7937, 0.5413,
0.3704

■ 54.5808, 0.2692,
0.3084

■ 9.5662, 0.5752,
0.3660

■ 61.0838, 0.2622,
0.3044

■ 8.6197, 0.6033,
0.3590

■ 68.0812, 0.2561,
0.3007

■ 8.6097, 0.6036,
0.3589

■ 74.8967, 0.2557,
0.3085

Harmonies

Analogous

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



25.3236, 0.3413, 0.3265



25.3236, 0.3484, 0.3420



25.3236, 0.3456, 0.3546

Triad

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



25.3236, 0.3484, 0.3420



25.3236, 0.2986, 0.3468



25.3236, 0.2915, 0.2985

Complementary

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



25.3236, 0.3484, 0.3420



27.9287, 0.2830, 0.3156

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.



25.3236, 0.2807, 0.3028



25.3236, 0.3484, 0.3420



25.3236, 0.2848, 0.3305

Square

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



25.3236, 0.3484, 0.3420



25.3236, 0.3165, 0.3581



25.3236, 0.2783, 0.3144



25.3236, 0.3081, 0.3020

Rectangle

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



25.3236, 0.3484, 0.3420



25.3236, 0.3385, 0.3597



25.3236, 0.2783, 0.3144



25.3236, 0.2871, 0.2991

Sweetspot

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



25.3247, 0.3484, 0.3420



55.6302, 0.3224, 0.3328



23.8761, 0.3235, 0.2925



12.1439, 0.3234, 0.3332



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.3247, 0.3484, 0.3420



43.1035, 0.3586, 0.3452



29.8028, 0.3440, 0.3656



6.9114, 0.3278, 0.3349



7.1420, 0.6024, 0.3599



0.1900, 0.5339, 0.4143

Inverse Universe

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



27.9287, 0.2830, 0.3156



48.7380, 0.2762, 0.3122



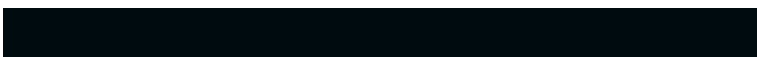
23.4617, 0.2814, 0.2895



7.2187, 0.2988, 0.3231



12.2536, 0.2013, 0.2447



0.2826, 0.2117, 0.2823

Previews

White Background



This preview shows how the Yxy color 25.3236, 0.3484, 0.3420 looks on a white background.

Color Contrast Check

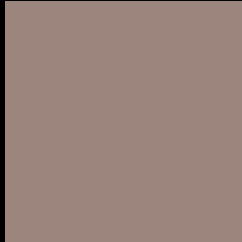
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3236, 0.3484, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

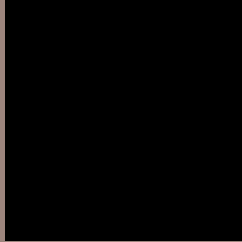
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3236, 0.3484, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 25.3236, 0.3484, 0.3420.



This preview shows how white text looks on a background with the Yxy color 25.3236, 0.3484, 0.3420.

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

25.3236, 0.3484, 0.3420

Protanopia

25.2633, 0.3300, 0.3458

Deuteranopia

25.3236, 0.3484, 0.3420



Tritanopia

25.4248, 0.3331, 0.3134

Trichromacy



Original Color

25.3236, 0.3484, 0.3420

Protanomaly

25.4106, 0.3370, 0.3456

Deuteranomaly

25.3236, 0.3484, 0.3420

Tritanomaly

25.4199, 0.3385, 0.3243

Monochromacy



Original Color

25.3236, 0.3484, 0.3420

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6323, 0.3248, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3236, 0.3484, 0.3420 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(156, 133, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 133, 125)  
}
```

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(156, 133, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 133, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.3236, 0.3484, 0.3420 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(156, 133, 125) }
```

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

```
.border{ border-color:rgb(156, 133, 125) }
```

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

Here you see how a box with a 4 pixel rgb(156, 133, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 133, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 133, 125);  
box-shadow:4px 4px 4px 4px rgb(156, 133,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3236, 0.3484, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 133, 125) }
```

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

```
.background{ background-color: rgb(156,  
133, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor