

Converting Colors

$Yxy(24.9563, 0.4143, 0.3514)$

Have a look what the booklet for
Yxy(24.9563, 0.4143, 0.3514)
contains.

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Color

Yxy(25.0090, 0.4137, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	B97969
RGB	185, 121, 105
RGB Percent	73%, 47%, 41%
CMY	0.2746, 0.5254, 0.5882
CMYK	0.00, 0.35, 0.43, 0.27
HSL	12°, 36%, 57%
HSV	12°, 43%, 73%
XYZ	29.3927, 25.0090, 16.6466
YIQ	138.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

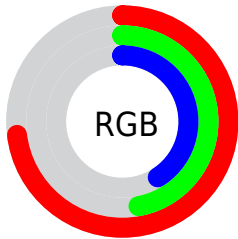
Format	Color
RYB	185, 125, 105
Decimal	12155241
CIELab	57.08, 23.10, 19.06
CIElCh	57, 29.952, 39.531
Yxy	25.0090, 0.4137, 0.3520
Android (android.graphics.Color)	4290345321 (0xFFB97969)
YUV	138.3120, -16.4228, 40.9454
Hunter-Lab	50.0090, 17.3972, 15.2703

Details

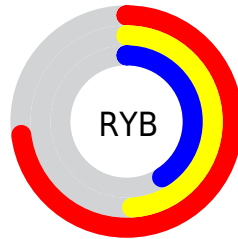
The Yxy color **25.0090, 0.4137, 0.3520** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.8781, 0.2507, 0.3039**, and the grayscale version is **25.5937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7271, 0.3920, 0.3490**, and **9.6073, 0.4501, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **21.3448, 0.4492, 0.3567**, and if you desaturate by 10%, it is **29.3102, 0.3830, 0.3466**.

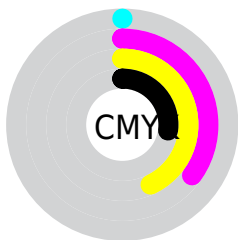
Distribution



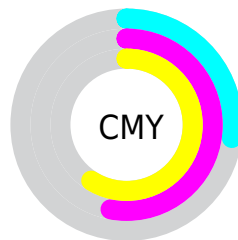
- Red (73%)
- Green (47%)
- Blue (41%)



- Red (73%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (27%)





- Cyan (27%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0090, 0.4137, 0.3520 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 25.0090, 0.4137, 0.3520 by changing the saturation by 10% instead.


 25.0090, 0.4137,
0.3520


 25.0090, 0.4137,
0.3520


277.8828, 0.3575,
0.3414


 16.0838, 0.4297,
0.3540


 51.6718, 0.3918,
0.3485


 9.5834, 0.4516,
0.3560


 70.1782, 0.3841,
0.3471

 5.1237, 0.4828,
0.3573

 92.6471, 0.3777,
0.3458

 2.3200, 0.5318,
0.3566

 119.4628, 0.3723,
0.3447

 0.7843, 0.6412,
0.3588

151.0099, 0.3678,
0.3437

 0.0000, 1.0000,
0.0000

187.6726, 0.3639,

 0.0000, 0.0000,

0.3428

0.0000

229.8355, 0.3605,
0.3421

■ 25.0090, 0.4137,
0.3520

■ 25.0090, 0.4137,
0.3520

■ 21.3448, 0.4492,
0.3567

■ 29.3102, 0.3830,
0.3466

■ 18.2833, 0.4887,
0.3599

■ 34.2731, 0.3572,
0.3411

■ 15.7929, 0.5299,
0.3607

■ 39.9256, 0.3356,
0.3357


■ 13.8370, 0.5688,
0.3584

■ 46.2927, 0.3178,
0.3306

■ 12.3749, 0.6007,
0.3525

■ 53.3985, 0.3030,
0.3259

 11.6357, 0.6177,
0.3478

 61.2658, 0.2907,
0.3215

 69.9162, 0.2805,
0.3176

 79.3707, 0.2719,
0.3141

 88.5406, 0.2725,
0.3280

Harmonies

Analogous

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



25.0090, 0.3876, 0.3116



25.0090, 0.4137, 0.3520



25.0090, 0.4096, 0.3906

Triad

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



25.0090, 0.4137, 0.3520



25.0090, 0.2809, 0.3910



25.0090, 0.2463, 0.2473

Complementary

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



25.0090, 0.4137, 0.3520



34.8781, 0.2507, 0.3039

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.



25.0090, 0.2231, 0.2598



25.0090, 0.4137, 0.3520



25.0090, 0.2414, 0.3413

Square

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



25.0090, 0.4137, 0.3520



25.0090, 0.3310, 0.4200



25.0090, 0.2213, 0.2926



25.0090, 0.2879, 0.2539

Rectangle

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



25.0090, 0.4137, 0.3520



25.0090, 0.3912, 0.4107



25.0090, 0.2213, 0.2926



25.0090, 0.2363, 0.2492

Sweetspot

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



25.0102, 0.4137, 0.3520



71.5383, 0.3356, 0.3357



23.2830, 0.3362, 0.2430



14.9191, 0.3400, 0.3368



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.0102, 0.4137, 0.3520



38.4646, 0.4478, 0.3565



36.8203, 0.3890, 0.4058



9.2954, 0.3283, 0.3336



8.0091, 0.6157, 0.3493



0.3694, 0.5677, 0.3875

Inverse Universe

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



34.8781, 0.2507, 0.3039



58.4048, 0.2393, 0.2974



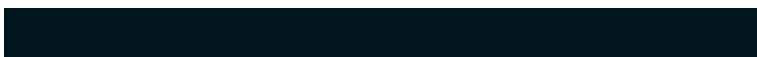
22.2086, 0.2396, 0.2372



9.8972, 0.2985, 0.3243



16.9099, 0.2068, 0.2644



0.6748, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 25.0090, 0.4137, 0.3520 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 25.0090, 0.4137, 0.3520 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 25.0090, 0.4137, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 25.0090, 0.4137, 0.3520.



This preview shows how white text looks on a background with the Yxy color 25.0090, 0.4137, 0.3520.

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

25.0090, 0.4137, 0.3520

Protanopia

25.1033, 0.3475, 0.3695

Deuteranopia

25.1632, 0.3815, 0.3750



Tritanopia

25.0540, 0.3892, 0.3165

Trichromacy



Original Color

25.0090, 0.4137, 0.3520

Protanomaly

24.8320, 0.3714, 0.3627

Deuteranomaly

24.9839, 0.3924, 0.3659

Tritanomaly

24.9647, 0.3980, 0.3293

Monochromacy



Original Color

25.0090, 0.4137, 0.3520

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9774, 0.3463, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0090, 0.4137, 0.3520 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(185, 121, 105)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 105)  
}
```

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(185, 121, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.0090, 0.4137, 0.3520 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(185, 121, 105) }
```

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

```
.border{ border-color:rgb(185, 121, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 105);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0090, 0.4137, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 105) }
```

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

```
.background{ background-color: rgb(185,  
121, 105) }
```

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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