

Converting Colors

$Y_{xy}(25.2966, 0.3790, 0.3762)$

Have a look what the booklet for
Yxy(25.2966, 0.3790, 0.3762)
contains.

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Color

Yxy(25.3314, 0.3797, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	A18567
RGB	161, 133, 103
RGB Percent	63%, 52%, 40%
CMY	0.3687, 0.4784, 0.5960
CMYK	0.00, 0.17, 0.36, 0.37
HSL	31°, 24%, 52%
HSV	31°, 36%, 63%
XYZ	25.5331, 25.3314, 16.3810
YIQ	137.9520, 26.3180, -3.3940

Conversions

Conversions Part 2

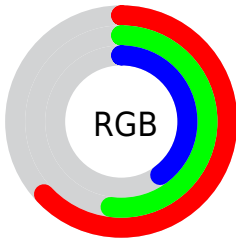
Format	Color
RYB	157, 161, 103
Decimal	10585447
CIELab	57.40, 6.25, 20.18
CIElCh	57, 21.123, 72.776
Yxy	25.3314, 0.3797, 0.3767
Android (android.graphics.Color)	4288775527 (0xFFA18567)
YUV	137.9520, -17.2313, 20.2131
Hunter-Lab	50.3303, 2.4770, 15.9341

Details

The Yxy color $25.3314, 0.3797, 0.3767$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.6921, 0.2561, 0.2757$, and the grayscale version is $25.4567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2026, 0.3659, 0.3673$, and $9.8143, 0.4029, 0.3928$ is the 20% darker color. If you saturate the color by 10%, you get $22.9896, 0.4033, 0.3900$, and if you desaturate by 10%, it is $27.8953, 0.3582, 0.3630$.

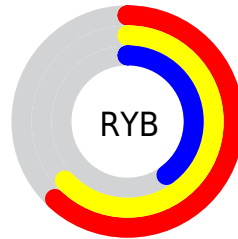
Distribution



Red (63%)

Green (52%)

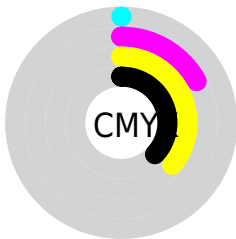
Blue (40%)



Red (62%)

Yellow (63%)

Blue (40%)

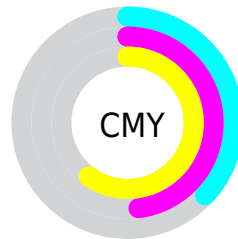


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (37%)



Cyan (37%)


Magenta (48%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3314, 0.3797, 0.3767 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 25.3314, 0.3797, 0.3767 by changing the saturation by 10% instead.


 25.3314, 0.3797,
0.3767


 25.3314, 0.3797,
0.3767


279.4843, 0.3428,
0.3512


 16.3241, 0.3901,
0.3835


 52.1943, 0.3654,
0.3671

 9.7538, 0.4042,
0.3924


 70.8188, 0.3603,
0.3636

 5.2360, 0.4242,
0.4043

 93.4178, 0.3561,
0.3607

 2.3864, 0.4561,
0.4224

 120.3757, 0.3526,
0.3582

 0.8189, 0.5329,
0.4671

152.0769, 0.3496,
0.3561

 0.0000, 0.0000,
0.0000

188.9058, 0.3470,

0.3542

231.2468, 0.3448,
0.3526

■ 25.3314, 0.3797,
0.3767

■ 25.3314, 0.3797,
0.3767

■ 22.9896, 0.4033,
0.3900

■ 27.8953, 0.3582,
0.3630

■ 20.8594, 0.4287,
0.4020

■ 30.6844, 0.3390,
0.3495

■ 18.9345, 0.4549,
0.4117


■ 33.7060, 0.3219,
0.3365

■ 17.2069, 0.4809,
0.4179

■ 36.9661, 0.3070,
0.3242


■ 15.6676, 0.5051,
0.4195


■ 40.4705, 0.2939,
0.3128

 14.3058, 0.5260,
0.4160

 44.2247, 0.2824,
0.3023

 13.8044, 0.5342,
0.4140

 48.2339, 0.2724,
0.2926

 52.5033, 0.2636,
0.2837

 57.0379, 0.2559,
0.2756

Harmonies

Analogous

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



25.3314, 0.3841, 0.3501



25.3314, 0.3797, 0.3767



25.3314, 0.3568, 0.3925

Triad

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



25.3314, 0.3797, 0.3767



25.3314, 0.2597, 0.3344



25.3314, 0.2994, 0.2758

Complementary

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



25.3314, 0.3797, 0.3767



21.6921, 0.2561, 0.2757

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.



25.3314, 0.2681, 0.2699



25.3314, 0.3797, 0.3767



25.3314, 0.2462, 0.3012

Square

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



25.3314, 0.3797, 0.3767



25.3314, 0.2873, 0.3683



25.3314, 0.2492, 0.2784



25.3314, 0.3363, 0.2939

Rectangle

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



25.3314, 0.3797, 0.3767



25.3314, 0.3347, 0.3933



25.3314, 0.2492, 0.2784



25.3314, 0.2879, 0.2723

Sweetspot

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



25.3326, 0.3797, 0.3767



57.5057, 0.3305, 0.3431



18.9207, 0.3558, 0.2847



12.4639, 0.3327, 0.3448



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.3326, 0.3797, 0.3767



42.0677, 0.3980, 0.3871



33.9425, 0.3645, 0.4167



7.6635, 0.3273, 0.3406



11.1084, 0.5330, 0.4150



0.3276, 0.4822, 0.4554

Inverse Universe

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



21.6921, 0.2561, 0.2757



34.5936, 0.2435, 0.2618



15.2200, 0.2500, 0.2239



7.3978, 0.2987, 0.3171



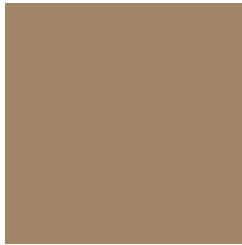
6.4565, 0.1765, 0.1553



0.2302, 0.1954, 0.2232

Previews

White Background



This preview shows how the Yxy color 25.3314, 0.3797, 0.3767 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 25.3314, 0.3797, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

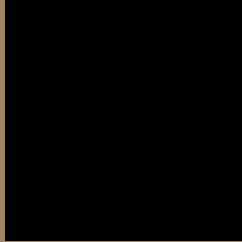
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3314, 0.3797, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 25.3314, 0.3797, 0.3767.



This preview shows how white text looks on a background with the Yxy color 25.3314, 0.3797, 0.3767.

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

25.3314, 0.3797, 0.3767

Protanopia

25.4928, 0.3594, 0.3841

Deuteranopia

25.2683, 0.3827, 0.3748



Tritanopia

25.2727, 0.3454, 0.3137

Trichromacy



Original Color

25.3314, 0.3797, 0.3767

Protanomaly

25.3801, 0.3674, 0.3815

Deuteranomaly

25.1632, 0.3815, 0.3750

Tritanomaly

25.3384, 0.3590, 0.3369

Monochromacy



Original Color

25.3314, 0.3797, 0.3767

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2000, 0.3358, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3314, 0.3797, 0.3767 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(161, 133, 103)` looks like.

```
.text, #text, p{  
    color:rgb(161, 133, 103)  
}
```

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(161, 133, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 133, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.3314, 0.3797, 0.3767 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(161, 133, 103) }
```

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

```
.border{ border-color:rgb(161, 133, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 133, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 133, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 133, 103);  
box-shadow:4px 4px 4px 4px rgb(161, 133,  
103) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 25.3314, 0.3797, 0.3767$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 133, 103) }
```

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

```
.background{ background-color: rgb(161,  
133, 103) }
```

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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