

Converting Colors

$Yxy(37.4503, 0.3465, 0.3935)$

Have a look what the booklet for
Yxy(37.4503, 0.3465, 0.3935)
contains.

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Color

Yxy(37.3784, 0.3465, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	A4A87D
RGB	164, 168, 125
RGB Percent	64%, 66%, 49%
CMY	0.3569, 0.3412, 0.5097
CMYK	0.02, 0.00, 0.26, 0.34
HSL	66°, 20%, 57%
HSV	66°, 26%, 66%
XYZ	33.0146, 37.3784, 24.8872
YIQ	161.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

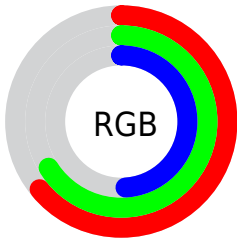
Format	Color
RYB	125, 168, 129
Decimal	10791037
CIELab	67.56, -8.70, 21.79
CIELCh	68, 23.458, 111.767
Yxy	37.3784, 0.3465, 0.3923
Android (android.graphics.Color)	4288981117 (0xFFA4A87D)
YUV	161.9020, -18.1927, 1.8399
Hunter-Lab	61.1379, -10.6009, 18.6615

Details

The Yxy color **37.3784, 0.3465, 0.3923** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.1734, 0.2737, 0.2586**, and the grayscale version is **36.1671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0498, 0.3400, 0.3796**, and **16.4573, 0.3562, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **36.8204, 0.3594, 0.4174**, and if you desaturate by 10%, it is **38.0144, 0.3332, 0.3671**.

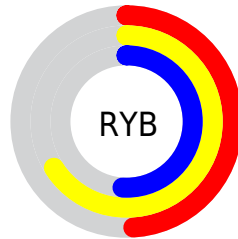
Distribution



Red (64%)

Green (66%)

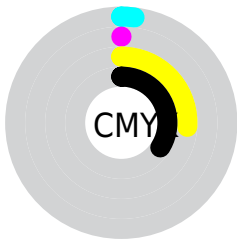
Blue (49%)



Red (49%)

Yellow (66%)

Blue (51%)

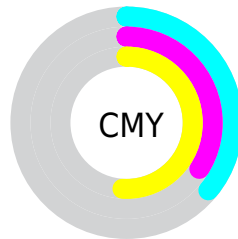


Cyan (2%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (36%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3784, 0.3465, 0.3923 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 37.3784, 0.3465, 0.3923 by changing the saturation by 10% instead.


 37.3784, 0.3465,
0.3923


 37.3784, 0.3465,
0.3923


334.9459, 0.3294,
0.3590


 25.5006, 0.3507,
0.4011


 71.1544, 0.3403,
0.3798

 16.4504, 0.3561,
0.4127


 93.8214, 0.3380,
0.3752

 9.8434, 0.3631,
0.4287


 120.8535, 0.3360,
0.3714

 5.2953, 0.3724,
0.4517

152.6353, 0.3343,
0.3682

 2.4215, 0.3879,
0.4916

189.5510, 0.3328,
0.3654

 0.8369, 0.4106,
0.5894

231.9851, 0.3316,

 0.0000, 0.0000,

0.3630

0.0000

280.3219, 0.3304,
0.3609

■ 37.3784, 0.3465,
0.3923

■ 37.3784, 0.3465,
0.3923

■ 36.8204, 0.3594,
0.4174

■ 38.0144, 0.3332,
0.3671

■ 36.3318, 0.3715,
0.4414

■ 38.7269, 0.3199,
0.3423

■ 35.9102, 0.3822,
0.4634

■ 39.5207, 0.3071,
0.3187

■ 35.5513, 0.3910,
0.4825

■ 40.3987, 0.2949,
0.2965

■ 35.2501, 0.3974,
0.4978

■ 41.3639, 0.2834,
0.2759

■ 35.0011, 0.4014,
0.5088

■ 42.4190, 0.2728,
0.2569

■ 34.7968, 0.4029,
0.5157

■ 43.5665, 0.2630,
0.2397

■ 34.7132, 0.4032,
0.5181

■ 44.5199, 0.2566,
0.2281

■ 44.7045, 0.2577,
0.2284

Harmonies

Analogous

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



37.3784, 0.3730, 0.3817



37.3784, 0.3465, 0.3923



37.3784, 0.3118, 0.3841

Triad

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



37.3784, 0.3465, 0.3923



37.3784, 0.2469, 0.2939



37.3784, 0.3460, 0.3018

Complementary

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



37.3784, 0.3465, 0.3923



22.1734, 0.2737, 0.2586

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.



37.3784, 0.3104, 0.2812



37.3784, 0.3465, 0.3923



37.3784, 0.2547, 0.2756

Square

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



37.3784, 0.3465, 0.3923



37.3784, 0.2554, 0.3240



37.3784, 0.2773, 0.2716



37.3784, 0.3733, 0.3293

Rectangle

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



37.3784, 0.3465, 0.3923



37.3784, 0.2890, 0.3683



37.3784, 0.2773, 0.2716



37.3784, 0.3345, 0.2940

Sweetspot

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



37.3801, 0.3465, 0.3923



69.9258, 0.3233, 0.3486



25.4057, 0.3642, 0.3346



15.1989, 0.3253, 0.3522



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.3801, 0.3465, 0.3923



67.2036, 0.3543, 0.4074



35.3224, 0.3259, 0.3967



8.7377, 0.3248, 0.3514



26.2245, 0.4033, 0.5180



0.6480, 0.4090, 0.5135

Inverse Universe

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



22.1734, 0.2737, 0.2586



34.6007, 0.2629, 0.2395



23.9963, 0.2959, 0.2630



7.3328, 0.3000, 0.3058



2.2268, 0.1538, 0.0621



0.0642, 0.1702, 0.0711

Previews

White Background



This preview shows how the Yxy color 37.3784, 0.3465, 0.3923 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 37.3784, 0.3465, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

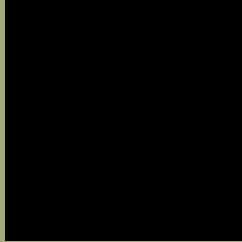
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

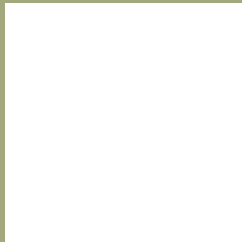
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.3784, 0.3465, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 37.3784, 0.3465, 0.3923.



This preview shows how white text looks on a background with the Yxy color 37.3784, 0.3465, 0.3923.

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

37.3784, 0.3465, 0.3923

Protanopia

37.2111, 0.3618, 0.3874

Deuteranopia

37.3235, 0.3780, 0.3708



Tritanopia

37.4427, 0.3098, 0.3123

Trichromacy



Original Color

37.3784, 0.3465, 0.3923

Protanomaly

37.1362, 0.3565, 0.3881

Deuteranomaly

37.2921, 0.3660, 0.3793

Tritanomaly

37.2760, 0.3236, 0.3405

Monochromacy



Original Color

37.3784, 0.3465, 0.3923

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5074, 0.3250, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3784, 0.3465, 0.3923 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(164, 168, 125)` looks like.

```
.text, #text, p{  
    color:rgb(164, 168, 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(164, 168, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 168, 125) }
```

Border

The CSS property to change the border of an element to Yxy 37.3784, 0.3465, 0.3923 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(164, 168, 125) }
```

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

```
.border{ border-color:rgb(164, 168, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 168, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 168, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 168, 125);  
box-shadow:4px 4px 4px 4px rgb(164, 168,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3784, 0.3465, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 168, 125) }
```

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

```
.background{ background-color: rgb(164,  
168, 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](#).

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