

Converting Colors

$Yxy(37.3642, 0.3908, 0.4095)$

Have a look what the booklet for
Yxy(37.3642, 0.3908, 0.4095)
contains.

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Color

Yxy(37.2590, 0.3913, 0.4093)

Conversions

Conversions Part 1

Format	Color
Hex	BAA267
RGB	186, 162, 103
RGB Percent	73%, 64%, 40%
CMY	0.2706, 0.3647, 0.5960
CMYK	0.00, 0.13, 0.45, 0.27
HSL	43°, 38%, 57%
HSV	43°, 45%, 73%
XYZ	35.6204, 37.2590, 18.1516
YIQ	162.4500, 33.2430, -13.2610

Conversions

Conversions Part 2

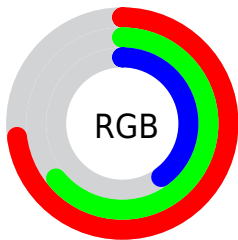
Format	Color
RYB	137, 186, 103
Decimal	12231271
CIELab	67.47, 0.70, 33.84
CIELCh	67, 33.849, 88.816
Yxy	37.2590, 0.3913, 0.4093
Android (android.graphics.Color)	4290421351 (0xFFBAA267)
YUV	162.4500, -29.3088, 20.6534
Hunter-Lab	61.0402, -2.6552, 25.0970

Details

The Yxy color **37.2590, 0.3913, 0.4093** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6166, 0.2368, 0.2321**, and the grayscale version is **36.4840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0470, 0.3763, 0.3949**, and **16.4605, 0.4133, 0.4331** is the 20% darker color. If you saturate the color by 10%, you get **35.0723, 0.4110, 0.4257**, and if you desaturate by 10%, it is **39.6134, 0.3719, 0.3915**.

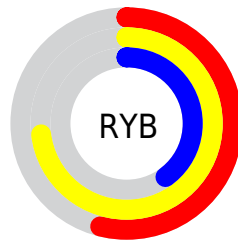
Distribution



Red (73%)

Green (64%)

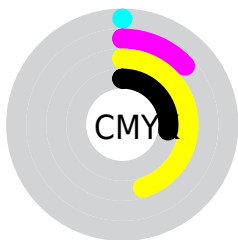
Blue (40%)



Red (54%)

Yellow (73%)

Blue (40%)

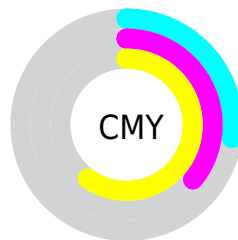


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2590, 0.3913, 0.4093 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 37.2590, 0.3913, 0.4093 by changing the saturation by 10% instead.


 37.2590, 0.3913,
0.4093

 37.2590, 0.3913,
0.4093


334.4305, 0.3514,
0.3686

 25.4081, 0.4011,
0.4192


 70.9709, 0.3768,
0.3946


 16.3814, 0.4134,
0.4317


 93.6008, 0.3714,
0.3890

 9.7944, 0.4291,
0.4474


 120.5924, 0.3667,
0.3843

 5.2629, 0.4490,
0.4671

 152.3301, 0.3628,
0.3803

 2.4023, 0.4909,
0.5091

189.1984, 0.3593,
0.3768

 0.8271, 0.4927,
0.5073

231.5816, 0.3564,

 0.0000, 0.0000,

0.3737

0.0000

279.8642, 0.3537,
0.3710

■ 37.2590, 0.3913,
0.4093

■ 37.2590, 0.3913,
0.4093

■ 35.0723, 0.4110,
0.4257

■ 39.6134, 0.3719,
0.3915

■ 33.0415, 0.4301,
0.4395

■ 42.1364, 0.3532,
0.3730

■ 31.1610, 0.4478,
0.4498

■ 44.8353, 0.3357,
0.3547

■ 29.4227, 0.4633,
0.4556

■ 47.7153, 0.3197,
0.3369

■ 27.8167, 0.4757,
0.4565

■ 50.7815, 0.3050,
0.3200

■ 26.9962, 0.4817,
0.4558

■ 54.0386, 0.2918,
0.3043

■ 57.4912, 0.2800,
0.2896

■ 61.1436, 0.2694,
0.2762

■ 63.9659, 0.2682,
0.2792

Harmonies

Analogous

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



37.2590, 0.4135, 0.3772



37.2590, 0.3913, 0.4093



37.2590, 0.3487, 0.4216

Triad

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



37.2590, 0.3913, 0.4093



37.2590, 0.2268, 0.3089



37.2590, 0.3209, 0.2677

Complementary

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



37.2590, 0.3913, 0.4093



21.6166, 0.2368, 0.2321

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.



37.2590, 0.2717, 0.2503



37.2590, 0.3913, 0.4093



37.2590, 0.2208, 0.2699

Square

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



37.2590, 0.3913, 0.4093



37.2590, 0.2542, 0.3597



37.2590, 0.2364, 0.2502



37.2590, 0.3716, 0.2986

Rectangle

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



37.2590, 0.3913, 0.4093



37.2590, 0.3151, 0.4133



37.2590, 0.2364, 0.2502



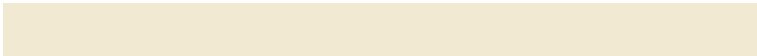
37.2590, 0.3036, 0.2601

Sweetspot

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



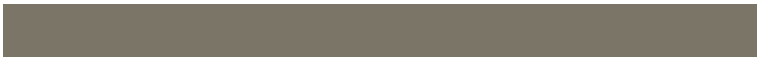
37.2607, 0.3913, 0.4093



81.9694, 0.3334, 0.3521



21.7013, 0.3931, 0.2943



17.8032, 0.3371, 0.3562



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.2607, 0.3913, 0.4093



63.4580, 0.4115, 0.4261



44.5813, 0.3626, 0.4433



10.0525, 0.3271, 0.3452



18.2942, 0.4806, 0.4566



0.7456, 0.4615, 0.4718

Inverse Universe

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



21.6166, 0.2368, 0.2321



31.4168, 0.2182, 0.2048



17.2163, 0.2453, 0.1973



9.1315, 0.2985, 0.3123



4.2618, 0.1610, 0.0994



0.2602, 0.1760, 0.1536

Previews

White Background



This preview shows how the Yxy color 37.2590, 0.3913, 0.4093 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 37.2590, 0.3913, 0.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

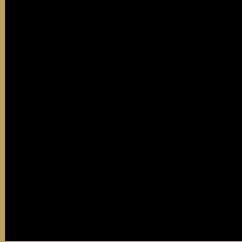
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2590, 0.3913, 0.4093

Background



This preview shows how black text looks on a background with the Yxy color 37.2590, 0.3913, 0.4093.



This preview shows how white text looks on a background with the Yxy color 37.2590, 0.3913, 0.4093.

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

37.2590, 0.3913, 0.4093

Protanopia

37.1341, 0.3820, 0.4128

Deuteranopia

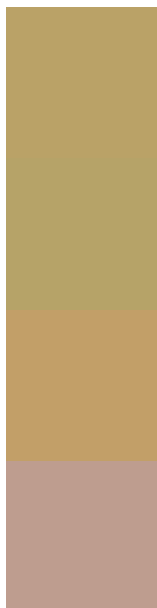
37.1192, 0.4059, 0.3981



Tritanopia

37.0708, 0.3394, 0.3132

Trichromacy



Original Color

37.2590, 0.3913, 0.4093

Protanomaly

37.1389, 0.3857, 0.4106

Deuteranomaly

37.2651, 0.4005, 0.4018

Tritanomaly

37.0443, 0.3594, 0.3481

Monochromacy



Original Color

37.2590, 0.3913, 0.4093

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.4217, 0.3406, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2590, 0.3913, 0.4093 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(186, 162, 103)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 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(186, 162, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 103) }
```

Border

The CSS property to change the border of an element to Yxy 37.2590, 0.3913, 0.4093 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(186, 162, 103) }
```

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

```
.border{ border-color:rgb(186, 162, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 103);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2590, 0.3913, 0.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 103) }
```

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

```
.background{ background-color: rgb(186,  
162, 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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