

Converting Colors

$Yxy(37.5987, 0.3984, 0.4287)$

Have a look what the booklet for
Yxy(37.5987, 0.3984, 0.4287)
contains.

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Color

Yxy(37.4795, 0.3990, 0.4287)

Conversions

Conversions Part 1

Format	Color
Hex	B8A45A
RGB	184, 164, 90
RGB Percent	72%, 64%, 35%
CMY	0.2785, 0.3568, 0.6471
CMYK	0.00, 0.11, 0.51, 0.28
HSL	47°, 40%, 54%
HSV	47°, 51%, 72%
XYZ	34.8829, 37.4795, 15.0635
YIQ	161.5440, 35.6740, -18.7740

Conversions

Conversions Part 2

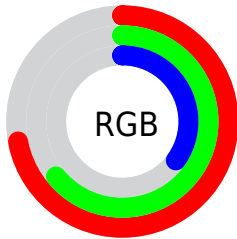
Format	Color
RYB	115, 184, 90
Decimal	12100698
CIELab	67.64, -2.51, 40.76
CIELCh	68, 40.837, 93.530
Yxy	37.4795, 0.3990, 0.4287
Android (android.graphics.Color)	4290290778 (0xFFB8A45A)
YUV	161.5440, -35.2712, 19.6939
Hunter-Lab	61.2205, -5.4280, 28.2659

Details

The Yxy color **37.4795, 0.3990, 0.4287** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7711, 0.2226, 0.2025**, and the grayscale version is **36.0612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4933, 0.3837, 0.4104**, and **16.6375, 0.4208, 0.4559** is the 20% darker color. If you saturate the color by 10%, you get **35.8287, 0.4160, 0.4448**, and if you desaturate by 10%, it is **39.2543, 0.3812, 0.4103**.

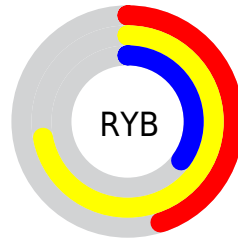
Distribution



Red (72%)

Green (64%)

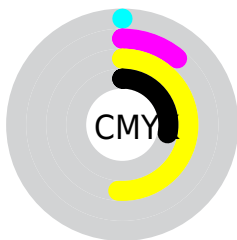
Blue (35%)



Red (45%)

Yellow (72%)

Blue (35%)

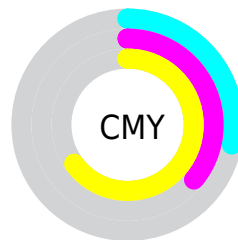


Cyan (0%)

Magenta (11%)

Yellow (51%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4795, 0.3990, 0.4287 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 37.4795, 0.3990, 0.4287 by changing the saturation by 10% instead.


 37.4795, 0.3990,
0.4287


 37.4795, 0.3990,
0.4287


335.3819, 0.3560,
0.3784

 25.5790, 0.4090,
0.4408


 71.3096, 0.3837,
0.4106


 16.5089, 0.4212,
0.4556


 94.0080, 0.3779,
0.4038

 9.8850, 0.4359,
0.4739


 121.0745, 0.3729,
0.3979

 5.3228, 0.4557,
0.4992

 152.8935, 0.3686,
0.3929

 2.4379, 0.4742,
0.5258

189.8493, 0.3648,
0.3885

 0.8453, 0.4675,
0.5325

232.3264, 0.3615,

 0.0000, 0.0000,

0.3847

0.0000

280.7091, 0.3586,
0.3814

■ 37.4795, 0.3990,
0.4287

■ 37.4795, 0.3990,
0.4287

■ 35.8287, 0.4160,
0.4448

■ 39.2543, 0.3812,
0.4103

■ 34.2905, 0.4315,
0.4577

■ 41.1534, 0.3634,
0.3905

■ 32.8595, 0.4447,
0.4663

■ 43.1838, 0.3461,
0.3703

■ 31.5274, 0.4552,
0.4704

■ 45.3501, 0.3297,
0.3503

■ 30.4097, 0.4626,
0.4709

■ 47.6570, 0.3143,
0.3311

■ 50.1086, 0.3002,
0.3128

■ 52.7090, 0.2874,
0.2957

■ 55.4619, 0.2757,
0.2799

■ 58.3351, 0.2656,
0.2659

Harmonies

Analogous

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



37.4795, 0.4313, 0.3914



37.4795, 0.3990, 0.4287



37.4795, 0.3452, 0.4408

Triad

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



37.4795, 0.3990, 0.4287



37.4795, 0.2082, 0.2950



37.4795, 0.3320, 0.2614

Complementary

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



37.4795, 0.3990, 0.4287



16.7711, 0.2226, 0.2025

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.



37.4795, 0.2717, 0.2383



37.4795, 0.3990, 0.4287



37.4795, 0.2056, 0.2526

Square

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



37.4795, 0.3990, 0.4287



37.4795, 0.2360, 0.3559



37.4795, 0.2274, 0.2343



37.4795, 0.3920, 0.2991

Rectangle

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



37.4795, 0.3990, 0.4287



37.4795, 0.3050, 0.4274



37.4795, 0.2274, 0.2343



37.4795, 0.3109, 0.2518

Sweetspot

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



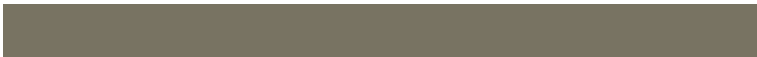
37.4813, 0.3990, 0.4287



80.5699, 0.3364, 0.3586



18.6294, 0.4238, 0.3008



17.1923, 0.3398, 0.3628



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.



37.4813, 0.3990, 0.4287



64.7011, 0.4175, 0.4462



42.2111, 0.3611, 0.4626



10.1708, 0.3269, 0.3469



21.0698, 0.4619, 0.4714



0.8250, 0.4490, 0.4817

Inverse Universe

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



16.7711, 0.2226, 0.2025



23.1751, 0.2025, 0.1705



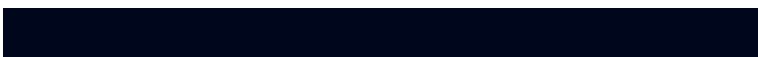
14.5235, 0.2412, 0.1788



9.0204, 0.2984, 0.3105



3.4746, 0.1566, 0.0836



0.2134, 0.1700, 0.1320

Previews

White Background



This preview shows how the Yxy color 37.4795, 0.3990, 0.4287 looks on a white background.

Color Contrast Check

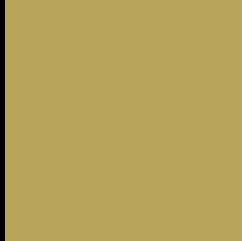
Large Text (above 18pt) WCAG AA × Fail

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 37.4795, 0.3990, 0.4287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

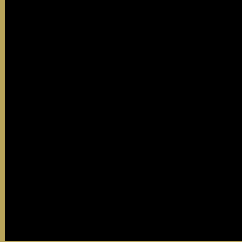
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4795, 0.3990, 0.4287

Background



This preview shows how black text looks on a background with the Yxy color 37.4795, 0.3990, 0.4287.



This preview shows how white text looks on a background with the Yxy color 37.4795, 0.3990, 0.4287.

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

37.4795, 0.3990, 0.4287

Protanopia

37.4722, 0.3953, 0.4311

Deuteranopia

37.3042, 0.4198, 0.4113



Tritanopia

37.3091, 0.3373, 0.3132

Trichromacy



Original Color

37.4795, 0.3990, 0.4287

Protanomaly

37.5935, 0.3963, 0.4307

Deuteranomaly

37.4990, 0.4123, 0.4183

Tritanomaly

37.0092, 0.3610, 0.3551

Monochromacy



Original Color

37.4795, 0.3990, 0.4287

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5180, 0.3440, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4795, 0.3990, 0.4287 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(184, 164, 90)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 90)  
}
```

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(184, 164, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 90) }
```

Border

The CSS property to change the border of an element to Yxy 37.4795, 0.3990, 0.4287 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(184, 164, 90) }
```

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

```
.border{ border-color:rgb(184, 164, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 90);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4795, 0.3990, 0.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 90) }
```

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

```
.background{ background-color: rgb(184,  
164, 90) }
```

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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