

Converting Colors

$Yxy(37.7177, 0.3781, 0.4071)$

Have a look what the booklet for
Yxy(37.7177, 0.3781, 0.4071)
contains.

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Color

Yxy(37.7177, 0.3781, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	B4A56D
RGB	180, 165, 109
RGB Percent	71%, 65%, 43%
CMY	0.2943, 0.3529, 0.5726
CMYK	0.00, 0.08, 0.39, 0.29
HSL	47°, 32%, 57%
HSV	47°, 39%, 71%
XYZ	35.0309, 37.7177, 19.9012
YIQ	163.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

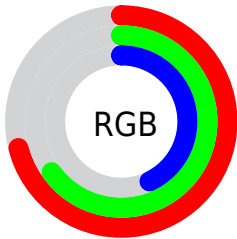
Format	Color
RYB	128, 180, 109
Decimal	11838829
CIELab	67.81, -2.77, 31.00
CIElCh	68, 31.125, 95.108
Yxy	37.7177, 0.3781, 0.4071
Android (android.graphics.Color)	4290028909 (0xFFB4A56D)
YUV	163.1010, -26.6718, 14.8204
Hunter-Lab	61.4147, -5.6597, 23.7777

Details

The Yxy color $37.7177, 0.3781, 0.4071$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $20.9454, 0.2450, 0.2360$, and the grayscale version is $36.7936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.7641, 0.3663, 0.3927$, and $16.5721, 0.3974, 0.4297$ is the 20% darker color. If you saturate the color by 10%, you get $36.0237, 0.3958, 0.4258$, and if you desaturate by 10%, it is $39.5351, 0.3604, 0.3872$.

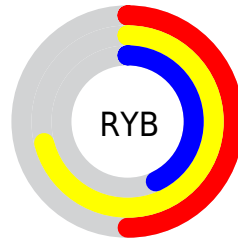
Distribution



Red (71%)

Green (65%)

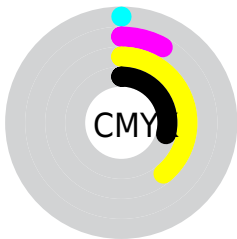
Blue (43%)



Red (50%)

Yellow (71%)

Blue (43%)

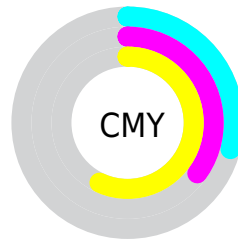


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7177, 0.3781, 0.4071 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 37.7177, 0.3781, 0.4071 by changing the saturation by 10% instead.


 37.7177, 0.3781,
0.4071

 37.7177, 0.3781,
0.4071


336.4074, 0.3450,
0.3670

 25.7637, 0.3862,
0.4172


 71.6752, 0.3661,
0.3924


 16.6469, 0.3965,
0.4300


 94.4475, 0.3616,
0.3869

 9.9831, 0.4096,
0.4468


 121.5947, 0.3577,
0.3823

 5.3877, 0.4264,
0.4690

 153.5011, 0.3544,
0.3783

 2.4765, 0.4729,
0.5271

190.5512, 0.3516,
0.3749

 0.8648, 0.4659,
0.5341

233.1294, 0.3491,

 0.0000, 0.0000,

0.3720

0.0000

281.6200, 0.3469,
0.3693

■ 37.7177, 0.3781,
0.4071

■ 37.7177, 0.3781,
0.4071

■ 36.0237, 0.3958,
0.4258

■ 39.5351, 0.3604,
0.3872

■ 34.4426, 0.4129,
0.4424

■ 41.4753, 0.3432,
0.3670

■ 32.9703, 0.4287,
0.4559

■ 43.5448, 0.3270,
0.3471

■ 31.6004, 0.4423,
0.4654

■ 45.7475, 0.3119,
0.3279

■ 30.3254, 0.4532,
0.4703

■ 48.0875, 0.2980,
0.3098

■ 29.1308, 0.4616,
0.4713

■ 50.5685, 0.2854,
0.2929

■ 29.0643, 0.4621,
0.4713

■ 53.1942, 0.2740,
0.2773

■ 55.9679, 0.2637,
0.2630

■ 57.8217, 0.2631,
0.2654

Harmonies

Analogous

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



37.7177, 0.4029, 0.3810



37.7177, 0.3781, 0.4071



37.7177, 0.3366, 0.4124

Triad

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



37.7177, 0.3781, 0.4071



37.7177, 0.2307, 0.3022



37.7177, 0.3305, 0.2775

Complementary

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



37.7177, 0.3781, 0.4071



20.9454, 0.2450, 0.2360

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.



37.7177, 0.2839, 0.2584



37.7177, 0.3781, 0.4071



37.7177, 0.2293, 0.2695

Square

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



37.7177, 0.3781, 0.4071



37.7177, 0.2522, 0.3474



37.7177, 0.2479, 0.2549



37.7177, 0.3751, 0.3082

Rectangle

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



37.7177, 0.3781, 0.4071



37.7177, 0.3055, 0.4005



37.7177, 0.2479, 0.2549



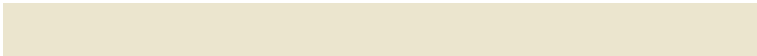
37.7177, 0.3145, 0.2696

Sweetspot

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



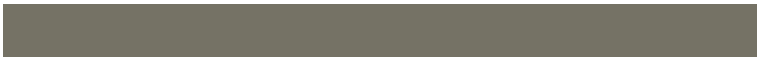
37.7194, 0.3781, 0.4071



77.9295, 0.3314, 0.3526



22.1003, 0.3879, 0.3068



16.7389, 0.3334, 0.3551



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.7194, 0.3781, 0.4071



65.8368, 0.3930, 0.4229



41.1892, 0.3517, 0.4318



9.5968, 0.3268, 0.3469



20.3944, 0.4615, 0.4718



0.7180, 0.4477, 0.4828

Inverse Universe

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



20.9454, 0.2450, 0.2360



31.3260, 0.2290, 0.2121



18.9061, 0.2609, 0.2166



8.5106, 0.2985, 0.3105



3.3446, 0.1565, 0.0835



0.1889, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 37.7177, 0.3781, 0.4071 looks on a white background.

Color Contrast Check

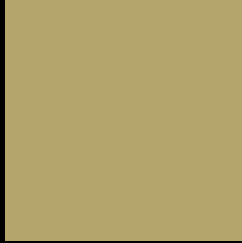
Large Text (above 18pt) WCAG AA × Fail

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 37.7177, 0.3781, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

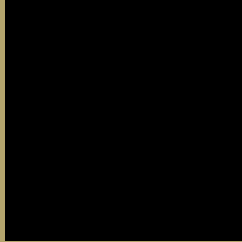
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7177, 0.3781, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 37.7177, 0.3781, 0.4071.



This preview shows how white text looks on a background with the Yxy color 37.7177, 0.3781, 0.4071.

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

37.7177, 0.3781, 0.4071

Protanopia

37.5981, 0.3771, 0.4074

Deuteranopia

37.5853, 0.3997, 0.3919



Tritanopia

37.5810, 0.3301, 0.3117

Trichromacy



Original Color

37.7177, 0.3781, 0.4071

Protanomaly

37.5981, 0.3771, 0.4074

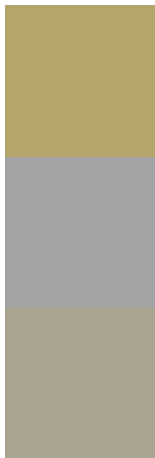
Deuteranomaly

37.6919, 0.3907, 0.3975

Tritanomaly

37.4701, 0.3476, 0.3456

Monochromacy



Original Color

37.7177, 0.3781, 0.4071

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9691, 0.3363, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7177, 0.3781, 0.4071 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(180, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 109)  
}
```

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(180, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 109) }
```

Border

The CSS property to change the border of an element to Yxy 37.7177, 0.3781, 0.4071 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(180, 165, 109) }
```

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

```
.border{ border-color:rgb(180, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7177, 0.3781, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 109) }
```

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

```
.background{ background-color: rgb(180,  
165, 109) }
```

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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