

Converting Colors

$Yxy(37.1662, 0.3644, 0.3781)$

Have a look what the booklet for
Yxy(37.1662, 0.3644, 0.3781)
contains.

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Color

Yxy(37.1967, 0.3640, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	B5A27F
RGB	181, 162, 127
RGB Percent	71%, 64%, 50%
CMY	0.2901, 0.3647, 0.5019
CMYK	0.00, 0.11, 0.30, 0.29
HSL	39°, 27%, 60%
HSV	39°, 30%, 71%
XYZ	35.8096, 37.1967, 25.3717
YIQ	163.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

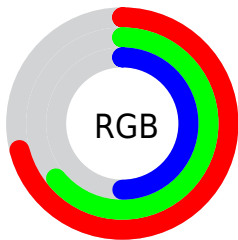
Format	Color
RYB	156, 181, 127
Decimal	11903615
CIELab	67.42, 1.54, 20.76
CIELCh	67, 20.820, 85.767
Yxy	37.1967, 0.3640, 0.3781
Android (android.graphics.Color)	4290093695 (0xFFB5A27F)
YUV	163.6910, -18.0887, 15.1800
Hunter-Lab	60.9891, -1.9252, 18.0275

Details

The Yxy color **37.1967, 0.3640, 0.3781** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4121, 0.2644, 0.2744**, and the grayscale version is **37.0509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9255, 0.3537, 0.3690**, and **16.4310, 0.3784, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **34.5795, 0.3842, 0.3949**, and if you desaturate by 10%, it is **40.0159, 0.3452, 0.3611**.

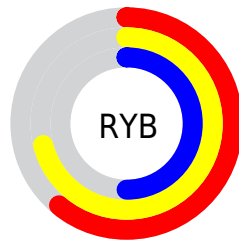
Distribution



Red (71%)

Green (64%)

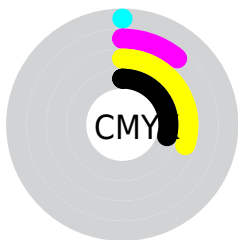
Blue (50%)



Red (61%)

Yellow (71%)

Blue (50%)

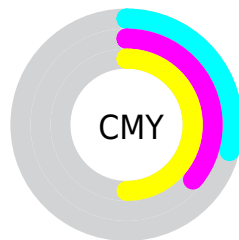


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1967, 0.3640, 0.3781 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 37.1967, 0.3640, 0.3781 by changing the saturation by 10% instead.


 37.1967, 0.3640,
0.3781


 37.1967, 0.3640,
0.3781


334.1613, 0.3375,
0.3529

 25.3598, 0.3708,
0.3845


 70.8752, 0.3542,
0.3688

 16.3453, 0.3797,
0.3928


 93.4856, 0.3506,
0.3654

 9.7689, 0.3917,
0.4039


 120.4560, 0.3475,
0.3625

 5.2460, 0.4084,
0.4193

152.1708, 0.3449,
0.3600

 2.3923, 0.4356,
0.4440

189.0143, 0.3427,
0.3578

 0.8219, 0.4990,
0.5010

231.3710, 0.3407,

 0.0000, 0.0000,

0.3560

0.0000

279.6252, 0.3390,
0.3543

■ 37.1967, 0.3640,
0.3781

■ 37.1967, 0.3640,
0.3781

■ 34.5795, 0.3842,
0.3949

■ 40.0159, 0.3452,
0.3611

■ 32.1530, 0.4054,
0.4108

■ 43.0378, 0.3280,
0.3446

■ 29.9122, 0.4269,
0.4248

■ 46.2696, 0.3125,
0.3288

■ 27.8498, 0.4478,
0.4359

■ 49.7166, 0.2986,
0.3139

■ 25.9578, 0.4672,
0.4428

■ 53.3839, 0.2862,
0.3001

■ 24.2270, 0.4839,
0.4449

■ 57.2761, 0.2751,
0.2873

■ 22.6404, 0.4980,
0.4427

■ 61.3981, 0.2654,
0.2756

■ 22.6156, 0.4982,
0.4426

■ 64.6234, 0.2655,
0.2817

■ 67.8920, 0.2663,
0.2891

Harmonies

Analogous

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



37.1967, 0.3752, 0.3585



37.1967, 0.3640, 0.3781



37.1967, 0.3391, 0.3851

Triad

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



37.1967, 0.3640, 0.3781



37.1967, 0.2597, 0.3208



37.1967, 0.3151, 0.2881

Complementary

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



37.1967, 0.3640, 0.3781



28.4121, 0.2644, 0.2744

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.



37.1967, 0.2847, 0.2780



37.1967, 0.3640, 0.3781



37.1967, 0.2539, 0.2951

Square

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



37.1967, 0.3640, 0.3781



37.1967, 0.2791, 0.3509



37.1967, 0.2628, 0.2801



37.1967, 0.3462, 0.3078

Rectangle

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



37.1967, 0.3640, 0.3781



37.1967, 0.3185, 0.3805



37.1967, 0.2628, 0.2801



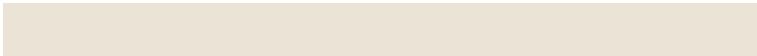
37.1967, 0.3044, 0.2835

Sweetspot

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



37.1984, 0.3640, 0.3781



77.4526, 0.3269, 0.3435



27.1056, 0.3541, 0.3009



16.5665, 0.3292, 0.3458



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.



37.1984, 0.3640, 0.3781



63.4004, 0.3775, 0.3895



43.5628, 0.3503, 0.4040



9.3931, 0.3272, 0.3437



15.7221, 0.4969, 0.4436



0.5993, 0.4703, 0.4648

Inverse Universe

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



28.4121, 0.2644, 0.2744



45.0652, 0.2525, 0.2596



23.6016, 0.2678, 0.2450



8.7033, 0.2985, 0.3138



4.9254, 0.1654, 0.1153



0.2672, 0.1818, 0.1746

Previews

White Background



This preview shows how the Yxy color 37.1967, 0.3640, 0.3781 looks on a white background.

Color Contrast Check

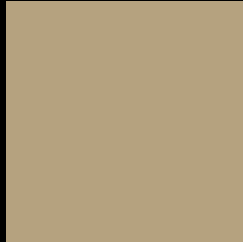
Large Text (above 18pt) WCAG AA × Fail

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 37.1967, 0.3640, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

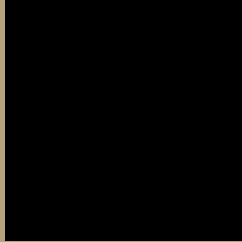
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1967, 0.3640, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 37.1967, 0.3640, 0.3781.



This preview shows how white text looks on a background with the Yxy color 37.1967, 0.3640, 0.3781.

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

37.1967, 0.3640, 0.3781

Protanopia

37.2234, 0.3562, 0.3804

Deuteranopia

37.2187, 0.3760, 0.3696



Tritanopia

37.0806, 0.3302, 0.3116

Trichromacy



Original Color

37.1967, 0.3640, 0.3781

Protanomaly

37.1000, 0.3586, 0.3787

Deuteranomaly

37.0462, 0.3714, 0.3716

Tritanomaly

36.9772, 0.3423, 0.3346

Monochromacy



Original Color

37.1967, 0.3640, 0.3781

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9748, 0.3302, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1967, 0.3640, 0.3781 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(181, 162, 127)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 127)  
}
```

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(181, 162, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.1967, 0.3640, 0.3781 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(181, 162, 127) }
```

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

```
.border{ border-color:rgb(181, 162, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 162, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 162, 127); box-shadow:4px 4px 4px 4px rgb(181, 162, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1967, 0.3640, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 127) }
```

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

```
.background{ background-color: rgb(181,  
162, 127) }
```

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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