

Converting Colors

Yxy(37.2862, 0.3526, 0.3846)

Have a look what the booklet for
Yxy(37.2862, 0.3526, 0.3846)
contains.

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Color

Yxy(37.1005, 0.3527, 0.3840)

Conversions

Conversions Part 1

Format	Color
Hex	ABA57F
RGB	171, 165, 127
RGB Percent	67%, 65%, 50%
CMY	0.3295, 0.3529, 0.5020
CMYK	0.00, 0.03, 0.26, 0.33
HSL	52°, 21%, 58%
HSV	52°, 26%, 67%
XYZ	34.0764, 37.1005, 25.4390
YIQ	162.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

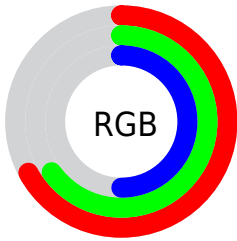
Format	Color
RYB	134, 171, 127
Decimal	11249023
CIELab	67.35, -4.08, 20.53
CIElCh	67, 20.931, 101.228
Yxy	37.1005, 0.3527, 0.3840
Android (android.graphics.Color)	4289439103 (0xFFABA57F)
YUV	162.4620, -17.4828, 7.4878
Hunter-Lab	60.9102, -6.7303, 17.8748

Details

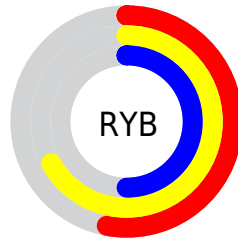
The Yxy color **37.1005, 0.3527, 0.3840** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2134, 0.2702, 0.2673**, and the grayscale version is **36.4366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8126, 0.3453, 0.3733**, and **16.2119, 0.3640, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **35.8643, 0.3691, 0.4056**, and if you desaturate by 10%, it is **38.4309, 0.3366, 0.3622**.

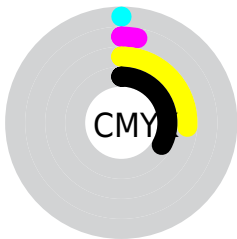
Distribution



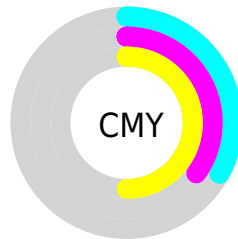
- Red (67%)
- Green (65%)
- Blue (50%)



- Red (53%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1005, 0.3527, 0.3840 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 37.1005, 0.3527, 0.3840 by changing the saturation by 10% instead.


 37.1005, 0.3527,
0.3840

 37.1005, 0.3527,
0.3840


333.7454, 0.3322,
0.3553


 25.2853, 0.3579,
0.3915


 70.7273, 0.3452,
0.3733

 16.2898, 0.3646,
0.4014


 93.3078, 0.3424,
0.3694

 9.7294, 0.3736,
0.4147


 120.2454, 0.3400,
0.3661

 5.2199, 0.3859,
0.4338

151.9246, 0.3380,
0.3633

 2.3769, 0.4059,
0.4655

188.7298, 0.3362,
0.3609

 0.8140, 0.4530,
0.5470

231.0455, 0.3347,

 0.0000, 0.0000,

0.3588

0.0000

279.2559, 0.3334,
0.3569

■ 37.1005, 0.3527,
0.3840

■ 37.1005, 0.3527,
0.3840

■ 35.8643, 0.3691,
0.4056

■ 38.4309, 0.3366,
0.3622

■ 34.7134, 0.3854,
0.4261

■ 39.8540, 0.3212,
0.3409

■ 33.6452, 0.4008,
0.4448

■ 41.3750, 0.3066,
0.3204

■ 32.6550, 0.4148,
0.4606

■ 42.9971, 0.2932,
0.3011

■ 31.7377, 0.4267,
0.4726

■ 44.7233, 0.2809,
0.2831

■ 30.8871, 0.4361,
0.4804

■ 46.5566, 0.2697,
0.2664

■ 30.0956, 0.4428,
0.4838

■ 48.4996, 0.2595,
0.2512

■ 29.7681, 0.4452,
0.4847

■ 49.9772, 0.2551,
0.2457

■ 50.9459, 0.2555,
0.2485

Harmonies

Analogous

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



37.1005, 0.3718, 0.3700



37.1005, 0.3527, 0.3840



37.1005, 0.3233, 0.3826

Triad

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



37.1005, 0.3527, 0.3840



37.1005, 0.2545, 0.3063



37.1005, 0.3317, 0.2971

Complementary

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



37.1005, 0.3527, 0.3840



24.2134, 0.2702, 0.2673

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.



37.1005, 0.2997, 0.2816



37.1005, 0.3527, 0.3840



37.1005, 0.2564, 0.2855

Square

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



37.1005, 0.3527, 0.3840



37.1005, 0.2673, 0.3355



37.1005, 0.2725, 0.2771



37.1005, 0.3597, 0.3203

Rectangle

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



37.1005, 0.3527, 0.3840



37.1005, 0.3022, 0.3721



37.1005, 0.2725, 0.2771



37.1005, 0.3210, 0.2909

Sweetspot

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



37.1022, 0.3527, 0.3840



70.7646, 0.3248, 0.3460



25.5409, 0.3581, 0.3192



15.6958, 0.3271, 0.3491



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.1022, 0.3527, 0.3840



65.1559, 0.3622, 0.3966



37.6765, 0.3358, 0.3951



9.1421, 0.3266, 0.3484



22.5028, 0.4450, 0.4849



0.6761, 0.4361, 0.4919

Inverse Universe

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



24.2134, 0.2702, 0.2673



38.0296, 0.2593, 0.2508



23.8999, 0.2849, 0.2603



7.9259, 0.2986, 0.3088



2.7314, 0.1534, 0.0723



0.1292, 0.1648, 0.1134

Previews

White Background



This preview shows how the Yxy color 37.1005, 0.3527, 0.3840 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 37.1005, 0.3527, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

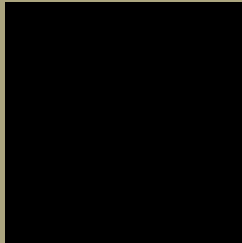
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1005, 0.3527, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 37.1005, 0.3527, 0.3840.



This preview shows how white text looks on a background with the Yxy color 37.1005, 0.3527, 0.3840.

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

37.1005, 0.3527, 0.3840

Protanopia

37.1712, 0.3580, 0.3833

Deuteranopia

36.9054, 0.3755, 0.3670



Tritanopia

37.1219, 0.3183, 0.3112

Trichromacy



Original Color

37.1005, 0.3527, 0.3840

Protanomaly

37.0559, 0.3570, 0.3835

Deuteranomaly

36.8905, 0.3669, 0.3735

Tritanomaly

37.0040, 0.3308, 0.3361

Monochromacy



Original Color

37.1005, 0.3527, 0.3840

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.3636, 0.3271, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1005, 0.3527, 0.3840 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(171, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 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(171, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.1005, 0.3527, 0.3840 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(171, 165, 127) }
```

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

```
.border{ border-color:rgb(171, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1005, 0.3527, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 127) }
```

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

```
.background{ background-color: rgb(171,  
165, 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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