

Converting Colors

Yxy(37.4131, 0.3381, 0.3549)

Have a look what the booklet for
Yxy(37.4131, 0.3381, 0.3549)
contains.

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Color

Yxy(37.5105, 0.3375, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	ADA492
RGB	173, 164, 146
RGB Percent	68%, 64%, 57%
CMY	0.3217, 0.3568, 0.4275
CMYK	0.00, 0.05, 0.16, 0.32
HSL	40°, 14%, 63%
HSV	40°, 16%, 68%
XYZ	35.6916, 37.5105, 32.5507
YIQ	164.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

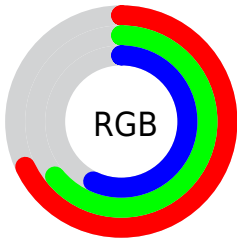
Format	Color
RYB	160, 173, 146
Decimal	11379858
CIELab	67.66, 0.13, 10.51
CIElCh	68, 10.509, 89.284
Yxy	37.5105, 0.3375, 0.3547
Android (android.graphics.Color)	4289569938 (0xFFADA492)
YUV	164.6390, -9.1890, 7.3326
Hunter-Lab	61.2458, -3.1577, 11.3608

Details

The Yxy color **37.5105, 0.3375, 0.3547** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5515, 0.2885, 0.3019**, and the grayscale version is **37.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4912, 0.3330, 0.3497**, and **16.4259, 0.3441, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **35.0050, 0.3554, 0.3720**, and if you desaturate by 10%, it is **40.1935, 0.3212, 0.3380**.

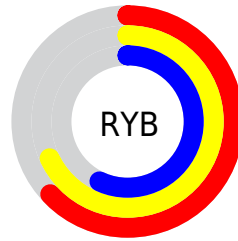
Distribution



Red (68%)

Green (64%)

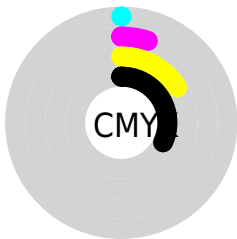
Blue (57%)



Red (63%)

Yellow (68%)

Blue (57%)

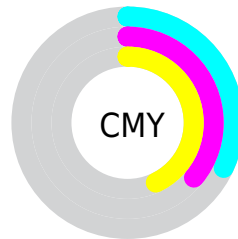


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5105, 0.3375, 0.3547 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 37.5105, 0.3375, 0.3547 by changing the saturation by 10% instead.


 37.5105, 0.3375,
0.3547


 37.5105, 0.3375,
0.3547


335.5155, 0.3247,
0.3414

 25.6030, 0.3409,
0.3582


 71.3572, 0.3327,
0.3498

 16.5269, 0.3453,
0.3627


 94.0653, 0.3310,
0.3479

 9.8977, 0.3513,
0.3689


121.1423, 0.3295,
0.3464

 5.3312, 0.3600,
0.3779

152.9726, 0.3282,
0.3451

 2.4429, 0.3736,
0.3920

189.9407, 0.3272,
0.3440

 0.8478, 0.4384,
0.4594

232.4309, 0.3262,

 0.0000, 0.0000,

0.3430

0.0000

280.8277, 0.3254,
0.3422

■ 37.5105, 0.3375,
0.3547

■ 37.5105, 0.3375,
0.3547

■ 35.0050, 0.3554,
0.3720

■ 40.1935, 0.3212,
0.3380

■ 32.6673, 0.3746,
0.3893

■ 43.0536, 0.3064,
0.3221

■ 30.4937, 0.3949,
0.4061

■ 46.0970, 0.2932,
0.3073

■ 28.4789, 0.4157,
0.4215

■ 49.3277, 0.2814,
0.2935

■ 26.6167, 0.4362,
0.4343

■ 52.7499, 0.2708,
0.2809

■ 24.9006, 0.4555,
0.4435

■ 56.3674, 0.2615,
0.2692

■ 23.3231, 0.4725,
0.4483

■ 59.3818, 0.2595,
0.2707

■ 21.8752, 0.4866,
0.4481

■ 62.1649, 0.2603,
0.2775

■ 21.2701, 0.4924,
0.4472

■ 65.0497, 0.2611,
0.2843

Harmonies

Analogous

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



37.5105, 0.3438, 0.3460



37.5105, 0.3375, 0.3547



37.5105, 0.3246, 0.3566

Triad

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



37.5105, 0.3375, 0.3547



37.5105, 0.2848, 0.3237



37.5105, 0.3161, 0.3088

Complementary

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



37.5105, 0.3375, 0.3547



32.5515, 0.2885, 0.3019

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.



37.5105, 0.3004, 0.3029



37.5105, 0.3375, 0.3547



37.5105, 0.2826, 0.3110

Square

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



37.5105, 0.3375, 0.3547



37.5105, 0.2943, 0.3383



37.5105, 0.2882, 0.3036



37.5105, 0.3312, 0.3197

Rectangle

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



37.5105, 0.3375, 0.3547



37.5105, 0.3141, 0.3534



37.5105, 0.2882, 0.3036



37.5105, 0.3107, 0.3061

Sweetspot

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



37.5122, 0.3375, 0.3547



72.2666, 0.3204, 0.3372



31.8029, 0.3322, 0.3161



15.6319, 0.3214, 0.3383



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.



37.5122, 0.3375, 0.3547



65.4953, 0.3440, 0.3611



40.3266, 0.3314, 0.3674



8.8754, 0.3270, 0.3441



15.7404, 0.4914, 0.4480



0.5327, 0.4648, 0.4691

Inverse Universe

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



32.5515, 0.2885, 0.3019



54.7614, 0.2823, 0.2947



30.1028, 0.2923, 0.2886



8.1753, 0.2986, 0.3134



4.4921, 0.1640, 0.1103



0.2270, 0.1817, 0.1742

Previews

White Background



This preview shows how the Yxy color 37.5105, 0.3375, 0.3547 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 37.5105, 0.3375, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

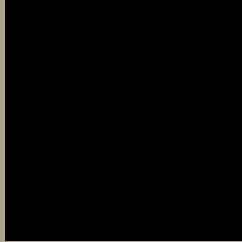
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5105, 0.3375, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 37.5105, 0.3375, 0.3547.



This preview shows how white text looks on a background with the Yxy color 37.5105, 0.3375, 0.3547.

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

37.5105, 0.3375, 0.3547

Protanopia

37.3969, 0.3365, 0.3548

Deuteranopia

37.4677, 0.3518, 0.3455



Tritanopia

37.5059, 0.3174, 0.3112

Trichromacy



Original Color

37.5105, 0.3375, 0.3547

Protanomaly

37.3969, 0.3365, 0.3548

Deuteranomaly

37.5414, 0.3463, 0.3485

Tritanomaly

37.3642, 0.3254, 0.3263

Monochromacy



Original Color

37.5105, 0.3375, 0.3547

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7037, 0.3217, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5105, 0.3375, 0.3547 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(173, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 146)  
}
```

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(173, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 37.5105, 0.3375, 0.3547 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(173, 164, 146) }
```

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

```
.border{ border-color:rgb(173, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5105, 0.3375, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 146) }
```

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

```
.background{ background-color: rgb(173,  
164, 146) }
```

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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