

Converting Colors

$Yxy(37.2914, 0.3199, 0.3377)$

Have a look what the booklet for
Yxy(37.2914, 0.3199, 0.3377)
contains.

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Color

Yxy(37.1265, 0.3199, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	A6A49E
RGB	166, 164, 158
RGB Percent	65%, 64%, 62%
CMY	0.3489, 0.3569, 0.3803
CMYK	0.00, 0.01, 0.05, 0.35
HSL	45°, 4%, 64%
HSV	45°, 5%, 65%
XYZ	35.1800, 37.1265, 37.6654
YIQ	163.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

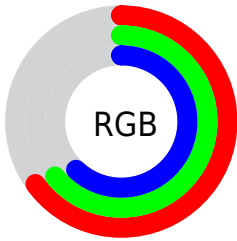
Format	Color
RYB	161, 166, 158
Decimal	10921118
CIELab	67.37, -0.37, 3.35
CIElCh	67, 3.368, 96.235
Yxy	37.1265, 0.3199, 0.3376
Android (android.graphics.Color)	4289111198 (0xFFA6A49E)
YUV	163.9140, -2.9156, 1.8294
Hunter-Lab	60.9315, -3.5697, 6.0014

Details

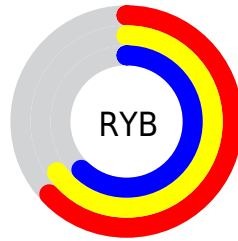
The Yxy color **37.1265, 0.3199, 0.3376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1891, 0.3055, 0.3203**, and the grayscale version is **37.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8393, 0.3182, 0.3356**, and **16.2273, 0.3216, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **35.1016, 0.3357, 0.3560**, and if you desaturate by 10%, it is **39.2825, 0.3054, 0.3201**.

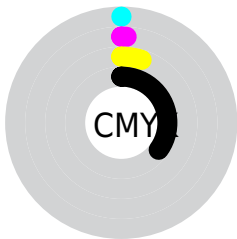
Distribution



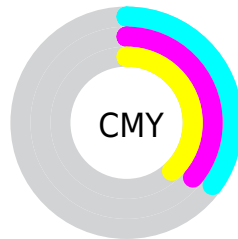
- Red (65%)
- Green (64%)
- Blue (62%)



- Red (63%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1265, 0.3199, 0.3376 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 37.1265, 0.3199, 0.3376 by changing the saturation by 10% instead.


 37.1265, 0.3199,
0.3376

 37.1265, 0.3199,
0.3376


333.8579, 0.3162,
0.3331

 25.3054, 0.3209,
0.3388


 70.7673, 0.3185,
0.3359

 16.3048, 0.3222,
0.3403


 93.3558, 0.3180,
0.3353

 9.7401, 0.3239,
0.3424


120.3023, 0.3176,
0.3348

 5.2270, 0.3265,
0.3455

151.9912, 0.3172,
0.3344

 2.3810, 0.3306,
0.3505

188.8067, 0.3169,
0.3340

 0.8161, 0.3427,
0.3648

231.1335, 0.3166,

 0.0000, 0.0000,

0.3337

0.0000

279.3557, 0.3164,
0.3334

■ 37.1265, 0.3199,
0.3376

■ 37.1265, 0.3199,
0.3376

■ 35.1016, 0.3357,
0.3560

■ 39.2825, 0.3054,
0.3201

■ 33.1994, 0.3528,
0.3750

■ 41.5682, 0.2922,
0.3036

■ 31.4177, 0.3708,
0.3941

■ 43.9884, 0.2803,
0.2884

■ 29.7526, 0.3894,
0.4125

■ 46.5462, 0.2697,
0.2743

■ 28.1997, 0.4080,
0.4293

■ 49.2446, 0.2601,
0.2614

■ 26.7542, 0.4258,
0.4437

■ 51.9153, 0.2530,
0.2522

■ 25.4110, 0.4421,
0.4546

■ 53.7723, 0.2536,
0.2573

■ 24.1639, 0.4562,
0.4611

■ 55.6831, 0.2543,
0.2625

■ 23.0059, 0.4673,
0.4630

■ 57.6483, 0.2550,
0.2676

Harmonies

Analogous

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



37.1265, 0.3224, 0.3354



37.1265, 0.3199, 0.3376



37.1265, 0.3155, 0.3375

Triad

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



37.1265, 0.3199, 0.3376



37.1265, 0.3032, 0.3264



37.1265, 0.3151, 0.3231

Complementary

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



37.1265, 0.3199, 0.3376



35.1891, 0.3055, 0.3203

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.



37.1265, 0.3099, 0.3207



37.1265, 0.3199, 0.3376



37.1265, 0.3031, 0.3226

Square

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



37.1265, 0.3199, 0.3376



37.1265, 0.3059, 0.3310



37.1265, 0.3056, 0.3205



37.1265, 0.3196, 0.3270

Rectangle

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



37.1265, 0.3199, 0.3376



37.1265, 0.3120, 0.3361



37.1265, 0.3056, 0.3205



37.1265, 0.3133, 0.3221

Sweetspot

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



37.1281, 0.3199, 0.3376



68.8107, 0.3142, 0.3308



35.1133, 0.3186, 0.3259



15.4035, 0.3141, 0.3307



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.1281, 0.3199, 0.3376



66.8650, 0.3218, 0.3399



37.6669, 0.3179, 0.3406



8.5779, 0.3225, 0.3406



17.4648, 0.4719, 0.4635



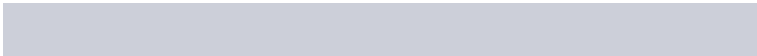
0.5000, 0.4513, 0.4799

Inverse Universe

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



35.1891, 0.3055, 0.3203



62.4562, 0.3036, 0.3179



34.6750, 0.3074, 0.3173



7.9760, 0.3030, 0.3171



3.5070, 0.1591, 0.0926



0.1651, 0.1768, 0.1566

Previews

White Background



This preview shows how the Yxy color 37.1265, 0.3199, 0.3376 looks on a white background.

Color Contrast Check

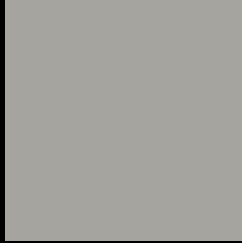
Large Text (above 18pt) WCAG AA × Fail

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 37.1265, 0.3199, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

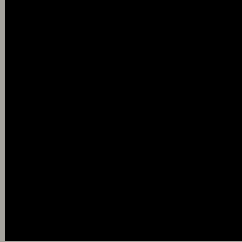
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

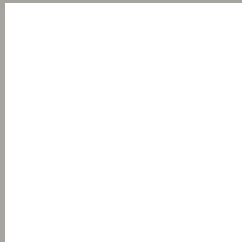
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1265, 0.3199, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 37.1265, 0.3199, 0.3376.



This preview shows how white text looks on a background with the Yxy color 37.1265, 0.3199, 0.3376.

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

37.1265, 0.3199, 0.3376

Protanopia

36.9878, 0.3219, 0.3362

Deuteranopia

37.2446, 0.3353, 0.3291



Tritanopia

37.2215, 0.3079, 0.3122

Trichromacy



Original Color

37.1265, 0.3199, 0.3376

Protanomaly

36.8785, 0.3209, 0.3362

Deuteranomaly

37.2230, 0.3290, 0.3318

Tritanomaly

37.2370, 0.3121, 0.3219

Monochromacy



Original Color

37.1265, 0.3199, 0.3376

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1589, 0.3154, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1265, 0.3199, 0.3376 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(166, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(166, 164, 158)  
}
```

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(166, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 164, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.1265, 0.3199, 0.3376 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(166, 164, 158) }
```

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

```
.border{ border-color:rgb(166, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(166, 164,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1265, 0.3199, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 164, 158) }
```

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

```
.background{ background-color: rgb(166,  
164, 158) }
```

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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