

Converting Colors

$Yxy(37.0529, 0.3201, 0.3383)$

Have a look what the booklet for
Yxy(37.0529, 0.3201, 0.3383)
contains.

Yxy(37.0922, 0.3208, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0922, 0.3208, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	A6A49D
RGB	166, 164, 157
RGB Percent	65%, 64%, 62%
CMY	0.3489, 0.3569, 0.3844
CMYK	0.00, 0.01, 0.05, 0.35
HSL	47°, 5%, 63%
HSV	47°, 5%, 65%
XYZ	35.0905, 37.0922, 37.2016
YIQ	163.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

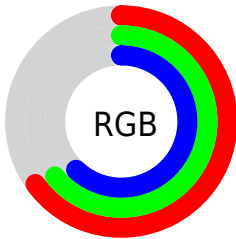
Format	Color
RYB	160, 166, 157
Decimal	10921117
CIELab	67.35, -0.56, 3.88
CIELCh	67, 3.922, 98.206
Yxy	37.0922, 0.3208, 0.3391
Android (android.graphics.Color)	4289111197 (0xFFA6A49D)
YUV	163.8000, -3.3524, 1.9294
Hunter-Lab	60.9034, -3.7352, 6.4163

Details

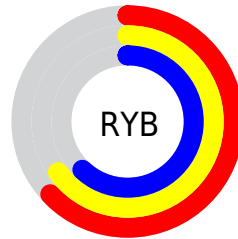
The Yxy color **37.0922, 0.3208, 0.3391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7235, 0.3046, 0.3187**, and the grayscale version is **37.0414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7887, 0.3188, 0.3367**, and **16.2064, 0.3229, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **35.2489, 0.3366, 0.3583**, and if you desaturate by 10%, it is **39.0550, 0.3062, 0.3208**.

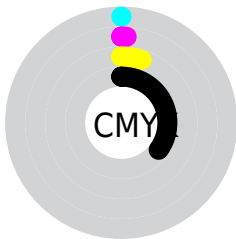
Distribution



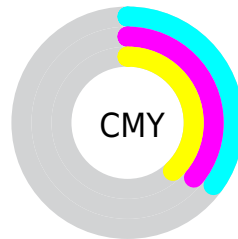
- Red (65%)
- Green (64%)
- Blue (62%)



- 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 37.0922, 0.3208, 0.3391 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 37.0922, 0.3208, 0.3391 by changing the saturation by 10% instead.


 37.0922, 0.3208,
0.3391


 37.0922, 0.3208,
0.3391


333.7095, 0.3166,
0.3339

 25.2789, 0.3219,
0.3405

 70.7146, 0.3192,
0.3371

 16.2850, 0.3233,
0.3423


 93.2924, 0.3187,
0.3364

 9.7260, 0.3253,
0.3448


120.2272, 0.3182,
0.3358

 5.2177, 0.3282,
0.3485

151.9034, 0.3178,
0.3353

 2.3755, 0.3329,
0.3543

188.7053, 0.3174,
0.3349

 0.8133, 0.3472,
0.3719

231.0174, 0.3171,

 0.0000, 0.0000,

0.3345

0.0000

279.2240, 0.3168,
0.3342

■ 37.0922, 0.3208,
0.3391

■ 37.0922, 0.3208,
0.3391

■ 35.2489, 0.3366,
0.3583

■ 39.0550, 0.3062,
0.3208

■ 33.5168, 0.3534,
0.3780

■ 41.1356, 0.2930,
0.3036

■ 31.8940, 0.3710,
0.3977

■ 43.3388, 0.2809,
0.2876

■ 30.3764, 0.3890,
0.4166

■ 45.6675, 0.2701,
0.2728

■ 28.9600, 0.4067,
0.4339

■ 48.1246, 0.2603,
0.2593

■ 27.6400, 0.4235,
0.4486

■ 50.6090, 0.2524,
0.2485

■ 26.4116, 0.4386,
0.4597

■ 52.2058, 0.2531,
0.2530

■ 25.2686, 0.4512,
0.4664

■ 53.8440, 0.2537,
0.2575

■ 24.2039, 0.4610,
0.4686

■ 55.5238, 0.2543,
0.2620

Harmonies

Analogous

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



37.0922, 0.3239, 0.3367



37.0922, 0.3208, 0.3391



37.0922, 0.3155, 0.3388

Triad

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



37.0922, 0.3208, 0.3391



37.0922, 0.3016, 0.3256



37.0922, 0.3158, 0.3224

Complementary

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



37.0922, 0.3208, 0.3391



34.7235, 0.3046, 0.3187

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.



37.0922, 0.3098, 0.3195



37.0922, 0.3208, 0.3391



37.0922, 0.3017, 0.3213

Square

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



37.0922, 0.3208, 0.3391



37.0922, 0.3045, 0.3310



37.0922, 0.3047, 0.3190



37.0922, 0.3210, 0.3270

Rectangle

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



37.0922, 0.3208, 0.3391



37.0922, 0.3115, 0.3371



37.0922, 0.3047, 0.3190



37.0922, 0.3138, 0.3212

Sweetspot

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



37.0938, 0.3208, 0.3391



68.4848, 0.3157, 0.3327



34.7259, 0.3197, 0.3260



15.3346, 0.3155, 0.3325



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.



37.0938, 0.3208, 0.3391



66.7178, 0.3234, 0.3423



37.5687, 0.3183, 0.3421



8.5646, 0.3238, 0.3429



18.4720, 0.4646, 0.4693



0.5181, 0.4470, 0.4833

Inverse Universe

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



34.7235, 0.3046, 0.3187



61.1508, 0.3020, 0.3154



34.2751, 0.3070, 0.3158



7.8196, 0.3015, 0.3147



3.2357, 0.1574, 0.0865



0.1515, 0.1741, 0.1468

Previews

White Background



This preview shows how the Yxy color 37.0922, 0.3208, 0.3391 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 37.0922, 0.3208, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

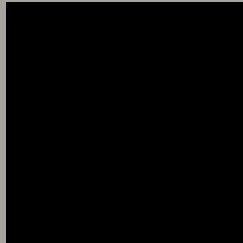
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0922, 0.3208, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 37.0922, 0.3208, 0.3391.



This preview shows how white text looks on a background with the Yxy color 37.0922, 0.3208, 0.3391.

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

37.0922, 0.3208, 0.3391

Protanopia

37.0637, 0.3238, 0.3376

Deuteranopia

36.8674, 0.3364, 0.3291



Tritanopia

36.9807, 0.3089, 0.3108

Trichromacy



Original Color

37.0922, 0.3208, 0.3391

Protanomaly

36.9535, 0.3228, 0.3376

Deuteranomaly

36.8403, 0.3301, 0.3319

Tritanomaly

36.9926, 0.3131, 0.3205

Monochromacy



Original Color

37.0922, 0.3208, 0.3391

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1235, 0.3163, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0922, 0.3208, 0.3391 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 164, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 164, 157) }
```

Border

The CSS property to change the border of an element to Yxy 37.0922, 0.3208, 0.3391 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, 157) }
```

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

```
.border{ border-color:rgb(166, 164, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 164,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0922, 0.3208, 0.3391 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, 157) }
```

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

```
.background{ background-color: rgb(166,  
164, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor