

Converting Colors

$Y_{xy}(36.9365, 0.2953, 0.2944)$

Have a look what the booklet for
Yxy(36.9365, 0.2953, 0.2944)
contains.

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Color

Yxy(37.0342, 0.2951, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	A5A1BA
RGB	165, 161, 186
RGB Percent	65%, 63%, 73%
CMY	0.3530, 0.3686, 0.2706
CMYK	0.11, 0.13, 0.00, 0.27
HSL	250°, 15%, 68%
HSV	250°, 13%, 73%
XYZ	37.1223, 37.0342, 51.6391
YIQ	165.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

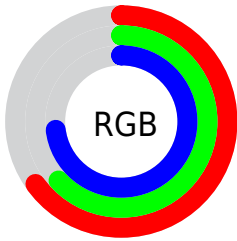
Format	Color
R _Y B	165, 161, 186
Decimal	10854842
CIE Lab	67.30, 6.42, -12.34
CIE LCh	67, 13.913, 297.484
Yxy	37.0342, 0.2951, 0.2944
Android (android.graphics.Color)	4289044922 (0xFFA5A1BA)
YUV	165.0460, 10.3303, -0.0403
Hunter-Lab	60.8557, 2.3882, -7.7114

Details

The Yxy color **37.0342, 0.2951, 0.2944** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6320, 0.3290, 0.3621**, and the grayscale version is **37.6016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7382, 0.2985, 0.3013**, and **16.3560, 0.2893, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **29.4361, 0.2798, 0.2652**, and if you desaturate by 10%, it is **45.8072, 0.3085, 0.3207**.

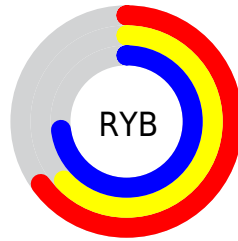
Distribution



Red (65%)

Green (63%)

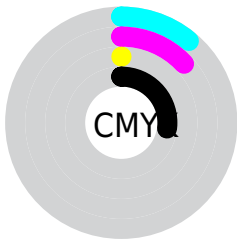
Blue (73%)



Red (65%)

Yellow (63%)

Blue (73%)

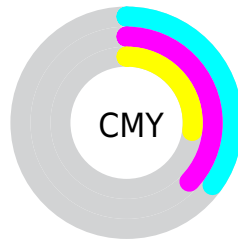


Cyan (11%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0342, 0.2951, 0.2944 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 37.0342, 0.2951, 0.2944 by changing the saturation by 10% instead.

■ 37.0342, 0.2951,
0.2944

■ 37.0342, 0.2951,
0.2944

■ 333.4586, 0.3043,
0.3121

■ 25.2340, 0.2927,
0.2899

■ 70.6254, 0.2985,
0.3009

■ 16.2515, 0.2895,
0.2840

■ 93.1851, 0.2998,
0.3033

■ 9.7023, 0.2851,
0.2761

■ 120.1002, 0.3009,
0.3053

■ 5.2020, 0.2787,
0.2649

■ 151.7549, 0.3018,
0.3071

■ 2.3663, 0.2685,
0.2477

■ 188.5337, 0.3025,
0.3086

■ 0.8085, 0.2502,
0.2180

■ 230.8210, 0.3032,

■ 0.0000, 0.0000,

0.3099

0.0000

279.0011, 0.3038,
0.3110

■ 37.0342, 0.2951,
0.2944

■ 37.0342, 0.2951,
0.2944

■ 29.4361, 0.2798,
0.2652

■ 45.8072, 0.3085,
0.3207

■ 22.9584, 0.2628,
0.2335

■ 55.7973, 0.3202,
0.3440

■ 17.5491, 0.2443,
0.2002

■ 67.0505, 0.3302,
0.3644

■ 13.1503, 0.2250,
0.1665

■ 79.6087, 0.3387,
0.3823

■ 9.6986, 0.2059,
0.1346

■ 93.5122, 0.3460,
0.3979

■ 7.1232, 0.1883,
0.1065

■ 96.3247, 0.3538,
0.3969

■ 5.3433, 0.1733,
0.0845

■ 4.2626, 0.1621,
0.0700

■ 3.8156, 0.1567,
0.0637

Harmonies

Analogous

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



37.0342, 0.2796, 0.2957



37.0342, 0.2951, 0.2944



37.0342, 0.3158, 0.3017

Triad

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



37.0342, 0.2951, 0.2944



37.0342, 0.3542, 0.3503



37.0342, 0.2892, 0.3425

Complementary

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



37.0342, 0.2951, 0.2944



47.6320, 0.3290, 0.3621

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.



37.0342, 0.3086, 0.3587



37.0342, 0.2951, 0.2944



37.0342, 0.3464, 0.3626

Square

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



37.0342, 0.2951, 0.2944



37.0342, 0.3505, 0.3332



37.0342, 0.3296, 0.3660



37.0342, 0.2763, 0.3229

Rectangle

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



37.0342, 0.2951, 0.2944



37.0342, 0.3298, 0.3104



37.0342, 0.3296, 0.3660



37.0342, 0.2952, 0.3486

Sweetspot

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



37.0358, 0.2951, 0.2944



81.9651, 0.3077, 0.3191



44.6774, 0.2924, 0.3238



17.7702, 0.3068, 0.3172



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.0358, 0.2951, 0.2944



63.0230, 0.2910, 0.2864



38.4132, 0.3062, 0.2955



8.7864, 0.3008, 0.3055



2.5893, 0.1575, 0.0641



0.1129, 0.1788, 0.0759

Inverse Universe

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



39.3078, 0.3178, 0.3014



67.9253, 0.3189, 0.2954



46.2047, 0.3184, 0.3632



9.1375, 0.3161, 0.3100



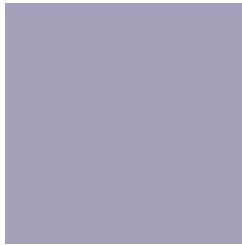
8.6548, 0.3652, 0.1785



0.3118, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 37.0342, 0.2951, 0.2944 looks on a white background.

Color Contrast Check

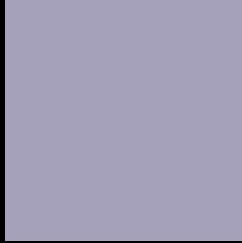
Large Text (above 18pt) WCAG AA × Fail

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 37.0342, 0.2951, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

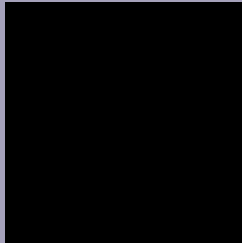
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

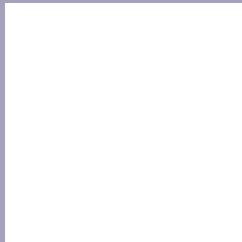
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0342, 0.2951, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 37.0342, 0.2951, 0.2944.



This preview shows how white text looks on a background with the Yxy color 37.0342, 0.2951, 0.2944.

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

37.0342, 0.2951, 0.2944

Protanopia

37.2558, 0.2900, 0.2955

Deuteranopia

37.1218, 0.2987, 0.2933



Tritanopia

37.1155, 0.3016, 0.3106

Trichromacy



Original Color

37.0342, 0.2951, 0.2944

Protanomaly

37.1099, 0.2917, 0.2942

Deuteranomaly

37.0116, 0.2978, 0.2933

Tritanomaly

37.0285, 0.2992, 0.3038

Monochromacy



Original Color

37.0342, 0.2951, 0.2944

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5674, 0.3059, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0342, 0.2951, 0.2944 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(165, 161, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 161, 186)  
}
```

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(165, 161, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 161, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.0342, 0.2951, 0.2944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

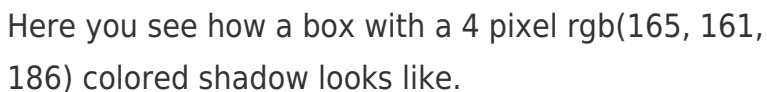
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 161, 186) }
```

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

```
.border{ border-color:rgb(165, 161, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 161, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 161, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 161, 186); box-shadow:4px 4px 4px 4px rgb(165, 161, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0342, 0.2951, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 161, 186) }
```

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

```
.background{ background-color: rgb(165,  
161, 186) }
```

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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