

Converting Colors

Yxy(37.1667, 0.3123, 0.3054)

Have a look what the booklet for
Yxy(37.1667, 0.3123, 0.3054)
contains.

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Color

Yxy(37.0846, 0.3120, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	AF9FB1
RGB	175, 159, 177
RGB Percent	69%, 62%, 69%
CMY	0.3137, 0.3764, 0.3060
CMYK	0.01, 0.10, 0.00, 0.31
HSL	293°, 10%, 66%
HSV	293°, 10%, 69%
XYZ	38.0105, 37.0846, 46.7334
YIQ	165.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

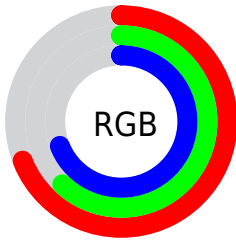
Format	Color
RYB	175, 159, 177
Decimal	11509681
CIELab	67.34, 9.15, -7.17
CIELCh	67, 11.627, 321.904
Yxy	37.0846, 0.3120, 0.3044
Android (android.graphics.Color)	4289699761 (0xFFAF9FB1)
YUV	165.8360, 5.5039, 8.0368
Hunter-Lab	60.8971, 4.8454, -2.8721

Details

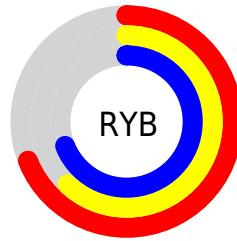
The Yxy color **37.0846, 0.3120, 0.3044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5107, 0.3132, 0.3546**, and the grayscale version is **38.0217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9653, 0.3122, 0.3090**, and **16.3913, 0.3128, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **31.2058, 0.3110, 0.2793**, and if you desaturate by 10%, it is **43.8413, 0.3127, 0.3286**.

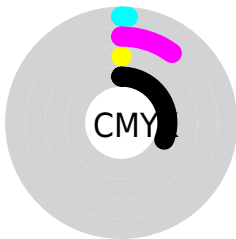
Distribution



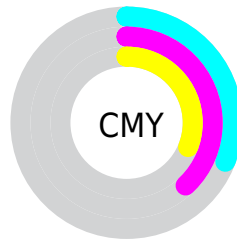
- Red (69%)
- Green (62%)
- Blue (69%)



- Red (69%)
- Yellow (62%)
- Blue (69%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0846, 0.3120, 0.3044 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 37.0846, 0.3120, 0.3044 by changing the saturation by 10% instead.


 37.0846, 0.3120,
0.3044


 37.0846, 0.3120,
0.3044


333.6766, 0.3125,
0.3170

 25.2730, 0.3118,
0.3012


 70.7029, 0.3122,
0.3090

 16.2806, 0.3116,
0.2970


 93.2784, 0.3123,
0.3107

 9.7229, 0.3113,
0.2913


120.2106, 0.3123,
0.3122

 5.2156, 0.3107,
0.2832

151.8839, 0.3124,
0.3134

 2.3743, 0.3097,
0.2708

188.6828, 0.3124,
0.3145

 0.8126, 0.3075,
0.2486


230.9916, 0.3124,


 0.0000, 0.0000,


0.3154

0.0000


279.1948, 0.3124,
0.3162


 37.0846, 0.3120,
0.3044


 37.0846, 0.3120,
0.3044


 31.2058, 0.3110,
0.2793


 43.8413, 0.3127,
0.3286


 26.1631, 0.3098,
0.2540


 51.5056, 0.3132,
0.3516


 21.9188, 0.3082,
0.2291

 60.1121, 0.3135,
0.3730

 18.4301, 0.3063,
0.2058

 69.6917, 0.3136,
0.3928

 15.6503, 0.3041,
0.1849

 80.2743, 0.3136,
0.4108

■ 13.5275, 0.3016,
0.1674

■ 85.2133, 0.3143,
0.4178

■ 12.0029, 0.2990,
0.1539

■ 85.4591, 0.3155,
0.4175

■ 11.0069, 0.2963,
0.1447

■ 85.7083, 0.3167,
0.4171

■ 10.3978, 0.2935,
0.1391

■ 85.9608, 0.3179,
0.4168

Harmonies

Analogous

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



37.0846, 0.2952, 0.2996



37.0846, 0.3120, 0.3044



37.0846, 0.3295, 0.3153

Triad

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



37.0846, 0.3120, 0.3044



37.0846, 0.3428, 0.3557



37.0846, 0.2837, 0.3270

Complementary

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



37.0846, 0.3120, 0.3044



41.5107, 0.3132, 0.3546

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.



37.0846, 0.2958, 0.3432



37.0846, 0.3120, 0.3044



37.0846, 0.3299, 0.3600

Square

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



37.0846, 0.3120, 0.3044



37.0846, 0.3475, 0.3445



37.0846, 0.3127, 0.3554



37.0846, 0.2791, 0.3120

Rectangle

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



37.0846, 0.3120, 0.3044



37.0846, 0.3390, 0.3248



37.0846, 0.3127, 0.3554



37.0846, 0.2870, 0.3325

Sweetspot

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



37.0862, 0.3120, 0.3044



74.8710, 0.3125, 0.3217



36.0709, 0.2972, 0.3063



16.0124, 0.3125, 0.3198



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.0862, 0.3120, 0.3044



64.1538, 0.3118, 0.2993



37.0482, 0.3201, 0.3138



8.5985, 0.3121, 0.3064



7.5526, 0.2938, 0.1392



0.2510, 0.3019, 0.1437

Inverse Universe

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



36.7151, 0.3284, 0.3263



63.3695, 0.3321, 0.3257



41.5535, 0.3060, 0.3447



8.5199, 0.3270, 0.3265



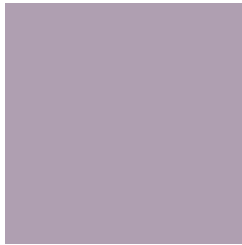
6.8121, 0.6247, 0.3215



0.2192, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 37.0846, 0.3120, 0.3044 looks on a white background.

Color Contrast Check

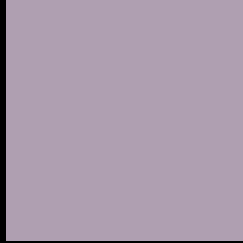
Large Text (above 18pt) WCAG AA × Fail

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 37.0846, 0.3120, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

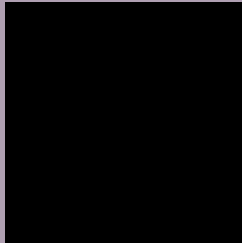
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0846, 0.3120, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 37.0846, 0.3120, 0.3044.



This preview shows how white text looks on a background with the Yxy color 37.0846, 0.3120, 0.3044.

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

37.0846, 0.3120, 0.3044

Protanopia

37.1304, 0.2982, 0.3064

Deuteranopia

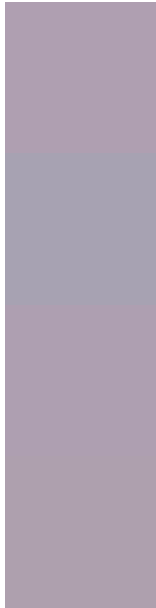
36.9693, 0.3110, 0.3043



Tritanopia

37.1188, 0.3154, 0.3124

Trichromacy



Original Color

37.0846, 0.3120, 0.3044

Protanomaly

37.2705, 0.3036, 0.3067

Deuteranomaly

36.9693, 0.3110, 0.3043

Tritanomaly

37.1963, 0.3136, 0.3097

Monochromacy



Original Color

37.0846, 0.3120, 0.3044

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5317, 0.3122, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0846, 0.3120, 0.3044 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(175, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 177)  
}
```

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(175, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.0846, 0.3120, 0.3044 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(175, 159, 177) }
```

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

```
.border{ border-color:rgb(175, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0846, 0.3120, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 177) }
```

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

```
.background{ background-color: rgb(175,  
159, 177) }
```

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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