

Converting Colors

Yxy(36.8846, 0.3022, 0.3216)

Have a look what the booklet for
Yxy(36.8846, 0.3022, 0.3216)
contains.

Yxy(37.0816, 0.3021, 0.3218)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0816, 0.3021, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	9EA5AA
RGB	158, 165, 170
RGB Percent	62%, 65%, 67%
CMY	0.3803, 0.3529, 0.3334
CMYK	0.07, 0.03, 0.00, 0.33
HSL	205°, 7%, 64%
HSV	205°, 7%, 67%
XYZ	34.8115, 37.0816, 43.3387
YIQ	163.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

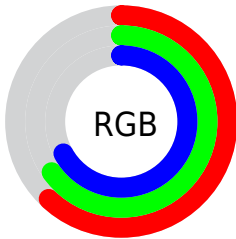
Format	Color
RYB	158, 162, 170
Decimal	10397098
CIELab	67.34, -1.48, -3.43
CIELCh	67, 3.737, 246.695
Yxy	37.0816, 0.3021, 0.3218
Android (android.graphics.Color)	4288587178 (0xFF9EA5AA)
YUV	163.4770, 3.2158, -4.8033
Hunter-Lab	60.8947, -4.5229, 0.4296

Details

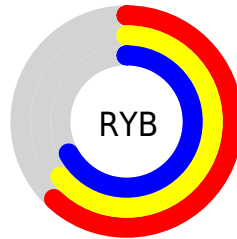
The Yxy color **37.0816, 0.3021, 0.3218** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2022, 0.3238, 0.3361**, and the grayscale version is **36.8508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7688, 0.3045, 0.3235**, and **16.2441, 0.2991, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **32.9975, 0.2867, 0.3106**, and if you desaturate by 10%, it is **41.5481, 0.3171, 0.3319**.

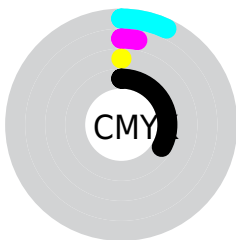
Distribution



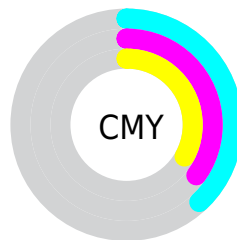
- Red (62%)
- Green (65%)
- Blue (67%)



- Red (62%)
- Yellow (64%)
- Blue (67%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)





- Cyan (38%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0816, 0.3021, 0.3218 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 37.0816, 0.3021, 0.3218 by changing the saturation by 10% instead.


 37.0816, 0.3021,
0.3218


 37.0816, 0.3021,
0.3218


333.6637, 0.3076,
0.3256

 25.2707, 0.3007,
0.3208


 70.6983, 0.3041,
0.3232

 16.2788, 0.2988,
0.3195


 93.2728, 0.3049,
0.3237

 9.7217, 0.2962,
0.3177


120.2040, 0.3055,
0.3242

 5.2148, 0.2924,
0.3151

151.8762, 0.3061,
0.3245

 2.3738, 0.2864,
0.3108

188.6739, 0.3065,
0.3248

 0.8124, 0.2744,
0.3029

230.9815, 0.3069,

 0.0000, 0.0000,

0.3251

0.0000

279.1833, 0.3073,
0.3253

■ 37.0816, 0.3021,
0.3218

■ 37.0816, 0.3021,
0.3218

■ 32.9975, 0.2867,
0.3106

■ 41.5481, 0.3171,
0.3319

■ 29.2792, 0.2711,
0.2983

■ 46.4037, 0.3316,
0.3409

■ 25.9154, 0.2557,
0.2849

■ 51.6608, 0.3454,
0.3488

■ 22.8927, 0.2408,
0.2705

■ 57.3297, 0.3584,
0.3558

■ 20.1964, 0.2268,
0.2553

■ 63.4204, 0.3707,
0.3620

■ 17.8106, 0.2141,
0.2396

■ 68.9816, 0.3782,
0.3679

■ 15.7175, 0.2032,
0.2236

■ 72.4916, 0.3758,
0.3750

■ 13.8968, 0.1943,
0.2077

■ 76.1568, 0.3735,
0.3819

■ 12.3197, 0.1874,
0.1922

■ 79.9793, 0.3712,
0.3886

Harmonies

Analogous

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



37.0816, 0.3022, 0.3260



37.0816, 0.3021, 0.3218



37.0816, 0.3048, 0.3196

Triad

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



37.0816, 0.3021, 0.3218



37.0816, 0.3204, 0.3269



37.0816, 0.3157, 0.3384

Complementary

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



37.0816, 0.3021, 0.3218



37.2022, 0.3238, 0.3361

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.



37.0816, 0.3206, 0.3386



37.0816, 0.3021, 0.3218



37.0816, 0.3234, 0.3319

Square

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



37.0816, 0.3021, 0.3218



37.0816, 0.3154, 0.3225



37.0816, 0.3235, 0.3361



37.0816, 0.3100, 0.3357

Rectangle

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



37.0816, 0.3021, 0.3218



37.0816, 0.3079, 0.3195



37.0816, 0.3235, 0.3361



37.0816, 0.3175, 0.3388

Sweetspot

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



37.0832, 0.3021, 0.3218



71.2702, 0.3097, 0.3270



38.6472, 0.3079, 0.3394



15.9137, 0.3098, 0.3271



86.8899, 0.3127, 0.3290



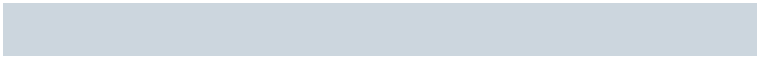
16.2647, 0.3127, 0.3290

Same Dimension

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



37.0832, 0.3021, 0.3218



66.4497, 0.3004, 0.3206



35.0417, 0.3022, 0.3133



8.0013, 0.2987, 0.3194



8.8564, 0.1859, 0.1893



0.3129, 0.2002, 0.2406

Inverse Universe

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



35.7193, 0.3180, 0.3191



63.6193, 0.3189, 0.3175



39.3052, 0.3231, 0.3442



7.6131, 0.3198, 0.3159



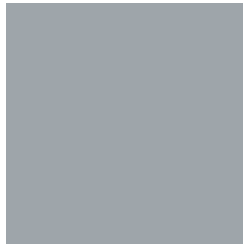
6.9651, 0.4575, 0.2294



0.1793, 0.4017, 0.1987

Previews

White Background



This preview shows how the Yxy color 37.0816, 0.3021, 0.3218 looks on a white background.

Color Contrast Check

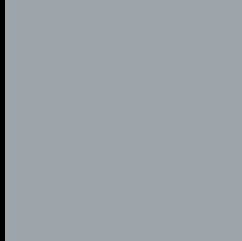
Large Text (above 18pt) WCAG AA × Fail

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 37.0816, 0.3021, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

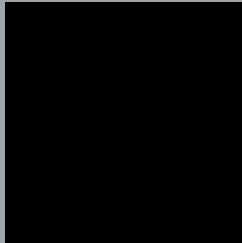
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0816, 0.3021, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 37.0816, 0.3021, 0.3218.



This preview shows how white text looks on a background with the Yxy color 37.0816, 0.3021, 0.3218.

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

37.0816, 0.3021, 0.3218

Protanopia

37.0583, 0.3094, 0.3205

Deuteranopia

36.9667, 0.3183, 0.3125



Tritanopia

37.0962, 0.2972, 0.3105

Trichromacy



Original Color

37.0816, 0.3021, 0.3218

Protanomaly

37.0969, 0.3066, 0.3218

Deuteranomaly

36.8650, 0.3115, 0.3150

Tritanomaly

36.9778, 0.2996, 0.3147

Monochromacy



Original Color

37.0816, 0.3021, 0.3218

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8812, 0.3082, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0816, 0.3021, 0.3218 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(158, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(158, 165, 170)  
}
```

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(158, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.0816, 0.3021, 0.3218 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(158, 165, 170) }
```

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

```
.border{ border-color:rgb(158, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(158, 165,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0816, 0.3021, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 165, 170) }
```

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

```
.background{ background-color: rgb(158,  
165, 170) }
```

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