

Converting Colors

$Yxy(41.7594, 0.3069, 0.3222)$

Have a look what the booklet for
Yxy(41.7594, 0.3069, 0.3222)
contains.

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Color

Yxy(41.7594, 0.3069, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	ABADB2
RGB	171, 173, 178
RGB Percent	67%, 68%, 70%
CMY	0.3293, 0.3216, 0.3020
CMYK	0.04, 0.03, 0.00, 0.30
HSL	223°, 4%, 68%
HSV	223°, 4%, 70%
XYZ	39.7764, 41.7594, 48.0713
YIQ	172.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

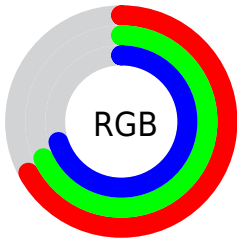
Format	Color
RYB	171, 173, 178
Decimal	11251122
CIELab	70.70, 0.27, -2.80
CIELCh	71, 2.812, 275.463
Yxy	41.7594, 0.3069, 0.3222
Android (android.graphics.Color)	4289441202 (0xFFABADB2)
YUV	172.9720, 2.4788, -1.7294
Hunter-Lab	64.6215, -3.2157, 1.1299

Details

The Yxy color **41.7594, 0.3069, 0.3222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4571, 0.3185, 0.3357**, and the grayscale version is **41.7645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5961, 0.3076, 0.3227**, and **19.0774, 0.3057, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **35.2361, 0.2911, 0.3033**, and if you desaturate by 10%, it is **49.0221, 0.3214, 0.3390**.

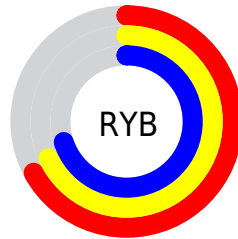
Distribution



Red (67%)

Green (68%)

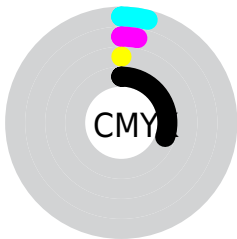
Blue (70%)



Red (67%)

Yellow (68%)

Blue (70%)

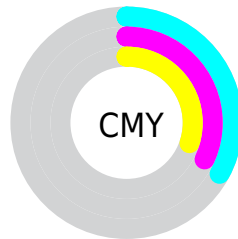


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7594, 0.3069, 0.3222 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 41.7594, 0.3069, 0.3222 by changing the saturation by 10% instead.

■ 41.7594, 0.3069,
0.3222

■ 41.7594, 0.3069,
0.3222

353.4846, 0.3099,
0.3257

■ 28.9129, 0.3061,
0.3213

■ 77.8354, 0.3080,
0.3235

■ 19.0150, 0.3052,
0.3202

101.8336, 0.3084,
0.3240

■ 11.6811, 0.3038,
0.3186

130.3180, 0.3087,
0.3243

■ 6.5269, 0.3019,
0.3164

163.6728, 0.3090,
0.3247

■ 3.1680, 0.2990,
0.3130

202.2825, 0.3093,
0.3250

■ 1.2201, 0.2939,
0.3070

246.5314, 0.3095,

■ 0.0780, 0.1836,

0.3252

0.1776

296.8040, 0.3097,
0.3255

0.0000, 0.0000,
0.0000

41.7594, 0.3069,
0.3222

41.7594, 0.3069,
0.3222

35.2361, 0.2911,
0.3033

49.0221, 0.3214,
0.3390

29.4231, 0.2742,
0.2821

57.0413, 0.3346,
0.3537

24.2973, 0.2565,
0.2587

65.8405, 0.3466,
0.3665

19.8322, 0.2382,
0.2335

75.4403, 0.3574,
0.3777

15.9994, 0.2200,
0.2069

84.8967, 0.3635,
0.3882

■ 12.7685, 0.2028,
0.1799

■ 92.5339, 0.3600,
0.3999

■ 10.1063, 0.1873,
0.1535

■ 95.9935, 0.3585,
0.4047

■ 7.9758, 0.1744,
0.1290

■ 6.3348, 0.1647,
0.1076

Harmonies

Analogous

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



41.7594, 0.3050, 0.3239



41.7594, 0.3069, 0.3222



41.7594, 0.3104, 0.3223

Triad

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



41.7594, 0.3069, 0.3222



41.7594, 0.3204, 0.3309



41.7594, 0.3109, 0.3339

Complementary

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



41.7594, 0.3069, 0.3222



43.4571, 0.3185, 0.3357

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.



41.7594, 0.3150, 0.3358



41.7594, 0.3069, 0.3222



41.7594, 0.3205, 0.3341

Square

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



41.7594, 0.3069, 0.3222



41.7594, 0.3182, 0.3273



41.7594, 0.3186, 0.3359



41.7594, 0.3073, 0.3307

Rectangle

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



41.7594, 0.3069, 0.3222



41.7594, 0.3131, 0.3234



41.7594, 0.3186, 0.3359



41.7594, 0.3123, 0.3348

Sweetspot

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



41.7612, 0.3069, 0.3222



79.4169, 0.3112, 0.3273



43.6235, 0.3084, 0.3318



17.6102, 0.3113, 0.3274



91.1408, 0.3127, 0.3290



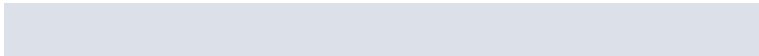
17.8868, 0.3127, 0.3290

Same Dimension

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



41.7612, 0.3069, 0.3222



74.2853, 0.3051, 0.3201



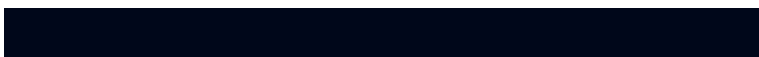
41.1677, 0.3082, 0.3195



9.1678, 0.3043, 0.3192



4.0564, 0.1607, 0.0983



0.2294, 0.1768, 0.1563

Inverse Universe

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



41.6157, 0.3173, 0.3264



73.9534, 0.3188, 0.3255



44.0722, 0.3171, 0.3384



9.1231, 0.3195, 0.3252



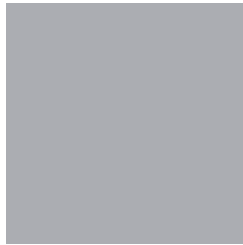
6.9496, 0.5784, 0.2960



0.2289, 0.4978, 0.2516

Previews

White Background



This preview shows how the Yxy color 41.7594, 0.3069, 0.3222 looks on a white background.

Color Contrast Check

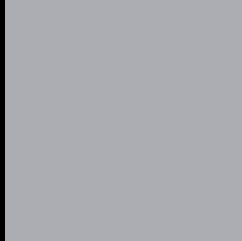
Large Text (above 18pt) WCAG AA × Fail

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 41.7594, 0.3069, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

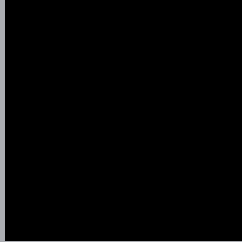
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

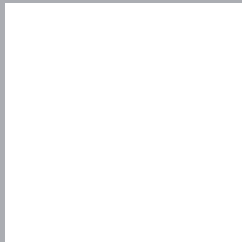
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7594, 0.3069, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 41.7594, 0.3069, 0.3222.



This preview shows how white text looks on a background with the Yxy color 41.7594, 0.3069, 0.3222.

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

41.7594, 0.3069, 0.3222

Protanopia

41.7933, 0.3112, 0.3222

Deuteranopia

41.8247, 0.3207, 0.3146



Tritanopia

41.7785, 0.3021, 0.3115

Trichromacy



Original Color

41.7594, 0.3069, 0.3222

Protanomaly

41.6780, 0.3104, 0.3222

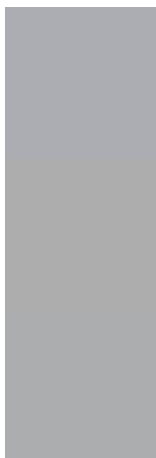
Deuteranomaly

41.8279, 0.3151, 0.3171

Tritanomaly

41.6531, 0.3045, 0.3155

Monochromacy



Original Color

41.7594, 0.3069, 0.3222

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7529, 0.3102, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7594, 0.3069, 0.3222 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(171, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 178)  
}
```

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(171, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.7594, 0.3069, 0.3222 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(171, 173, 178) }
```

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

```
.border{ border-color:rgb(171, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 173, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 173, 178); box-shadow:4px 4px 4px 4px rgb(171, 173, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7594, 0.3069, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 178) }
```

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

```
.background{ background-color: rgb(171,  
173, 178) }
```

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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