

Converting Colors

$Yxy(40.6320, 0.3072, 0.3169)$

Have a look what the booklet for
Yxy(40.6320, 0.3072, 0.3169)
contains.

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Color

Yxy(40.7748, 0.3070, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	ACAAB3
RGB	172, 170, 179
RGB Percent	67%, 67%, 70%
CMY	0.3255, 0.3333, 0.2979
CMYK	0.04, 0.05, 0.00, 0.30
HSL	253°, 6%, 68%
HSV	253°, 5%, 70%
XYZ	39.5259, 40.7748, 48.4482
YIQ	171.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

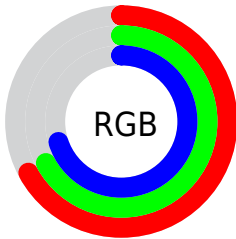
Format	Color
R _Y B	172, 170, 179
Decimal	11315891
CIE Lab	70.02, 2.44, -4.38
CIE LCh	70, 5.015, 299.135
Yxy	40.7748, 0.3070, 0.3167
Android (android.graphics.Color)	4289505971 (0xFFACAAB3)
YUV	171.6240, 3.6364, 0.3298
Hunter-Lab	63.8551, -1.2561, -0.2860

Details

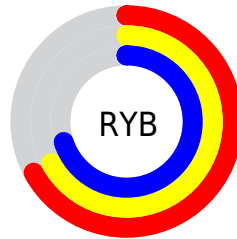
The Yxy color **40.7748, 0.3070, 0.3167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5041, 0.3183, 0.3411**, and the grayscale version is **41.0383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1795, 0.3077, 0.3185**, and **18.4563, 0.3060, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **33.0189, 0.2944, 0.2902**, and if you desaturate by 10%, it is **49.6139, 0.3179, 0.3404**.

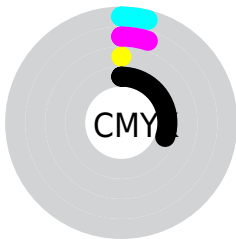
Distribution



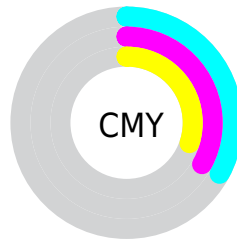
- Red (67%)
- Green (67%)
- Blue (70%)



- Red (67%)
- Yellow (67%)
- Blue (70%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7748, 0.3070, 0.3167 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 40.7748, 0.3070, 0.3167 by changing the saturation by 10% instead.

■ 40.7748, 0.3070,
0.3167

■ 40.7748, 0.3070,
0.3167

■ 349.3785, 0.3099,
0.3230

■ 28.1432, 0.3062,
0.3151

■ 76.3419, 0.3081,
0.3190

■ 18.4336, 0.3052,
0.3130

■ 100.0462, 0.3085,
0.3199

■ 11.2617, 0.3039,
0.3102

■ 128.2101, 0.3088,
0.3206

■ 6.2432, 0.3020,
0.3062

■ 161.2181, 0.3091,
0.3212

■ 2.9935, 0.2989,
0.3001

■ 199.4545, 0.3094,
0.3217

■ 1.1283, 0.2936,
0.2895

■ 243.3038, 0.3096,

■ 0.0020, 0.1653,

0.3222

0.0053

293.1504, 0.3098,
0.3226

0.0000, 0.0000,
0.0000

40.7748, 0.3070,
0.3167

40.7748, 0.3070,
0.3167

33.0189, 0.2944,
0.2902

49.6139, 0.3179,
0.3404

26.2991, 0.2800,
0.2610

59.5704, 0.3273,
0.3614

20.5727, 0.2639,
0.2296

70.6835, 0.3353,
0.3798

15.7920, 0.2465,
0.1968

82.9890, 0.3421,
0.3960

11.9051, 0.2282,
0.1641

93.6057, 0.3489,
0.4061

■ 8.8552, 0.2099,
0.1333

■ 96.0357, 0.3579,
0.4037

■ 6.5790, 0.1928,
0.1065

■ 5.0034, 0.1780,
0.0855

■ 4.0404, 0.1665,
0.0717

Harmonies

Analogous

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



40.7748, 0.3013, 0.3172



40.7748, 0.3070, 0.3167



40.7748, 0.3143, 0.3194

Triad

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



40.7748, 0.3070, 0.3167



40.7748, 0.3270, 0.3370



40.7748, 0.3042, 0.3334

Complementary

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



40.7748, 0.3070, 0.3167



44.5041, 0.3183, 0.3411

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.



40.7748, 0.3110, 0.3389



40.7748, 0.3070, 0.3167



40.7748, 0.3242, 0.3409

Square

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



40.7748, 0.3070, 0.3167



40.7748, 0.3260, 0.3311



40.7748, 0.3184, 0.3416



40.7748, 0.2997, 0.3267

Rectangle

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



40.7748, 0.3070, 0.3167



40.7748, 0.3191, 0.3227



40.7748, 0.3184, 0.3416



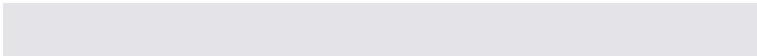
40.7748, 0.3063, 0.3354

Sweetspot

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



40.7765, 0.3070, 0.3167



77.5563, 0.3105, 0.3241



43.2745, 0.3051, 0.3263



17.2193, 0.3106, 0.3244



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.



40.7765, 0.3070, 0.3167



71.4418, 0.3057, 0.3140



41.2912, 0.3110, 0.3169



8.8149, 0.3052, 0.3129



2.6367, 0.1627, 0.0670



0.1087, 0.1910, 0.0826

Inverse Universe

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



41.5130, 0.3150, 0.3196



73.0286, 0.3155, 0.3176



43.9872, 0.3144, 0.3413



9.0256, 0.3157, 0.3168



8.1089, 0.3850, 0.1895



0.2631, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 40.7748, 0.3070, 0.3167 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 40.7748, 0.3070, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

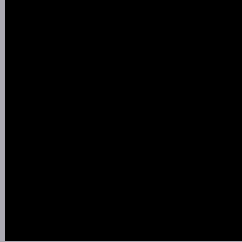
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

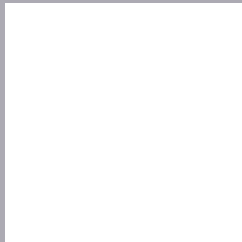
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7748, 0.3070, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 40.7748, 0.3070, 0.3167.



This preview shows how white text looks on a background with the Yxy color 40.7748, 0.3070, 0.3167.

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

40.7748, 0.3070, 0.3167

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.7581, 0.3173, 0.3105



Tritanopia

40.6791, 0.3047, 0.3101

Trichromacy



Original Color

40.7748, 0.3070, 0.3167

Protanomaly

40.7748, 0.3070, 0.3167

Deuteranomaly

40.6360, 0.3135, 0.3117

Tritanomaly

40.6376, 0.3055, 0.3114

Monochromacy



Original Color

40.7748, 0.3070, 0.3167

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9916, 0.3103, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7748, 0.3070, 0.3167 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(172, 170, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 179)  
}
```

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(172, 170, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.7748, 0.3070, 0.3167 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(172, 170, 179) }
```

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

```
.border{ border-color:rgb(172, 170, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7748, 0.3070, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 179) }
```

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

```
.background{ background-color: rgb(172,  
170, 179) }
```

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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