

Converting Colors

$Y_{xy}(40.7190, 0.3231, 0.3529)$

Have a look what the booklet for
Yxy(40.7190, 0.3231, 0.3529)
contains.

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Color

Yxy(40.7225, 0.3233, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	A9AD9C
RGB	169, 173, 156
RGB Percent	66%, 68%, 61%
CMY	0.3375, 0.3215, 0.3883
CMYK	0.02, 0.00, 0.10, 0.32
HSL	74°, 9%, 65%
HSV	74°, 10%, 68%
XYZ	37.2963, 40.7225, 37.3424
YIQ	169.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

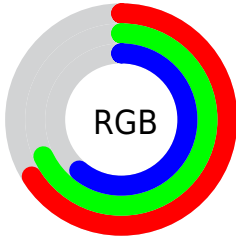
Format	Color
RYB	156, 173, 160
Decimal	11120028
CIELab	69.98, -4.55, 8.25
CIELCh	70, 9.422, 118.900
Yxy	40.7225, 0.3233, 0.3530
Android (android.graphics.Color)	4289310108 (0xFFA9AD9C)
YUV	169.8660, -6.8359, -0.7595
Hunter-Lab	63.8142, -7.3503, 9.9749

Details

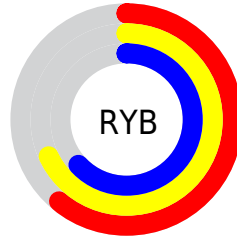
The Yxy color **40.7225, 0.3233, 0.3530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2730, 0.3015, 0.3044**, and the grayscale version is **40.1583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9872, 0.3216, 0.3485**, and **18.4766, 0.3263, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **39.7281, 0.3342, 0.3787**, and if you desaturate by 10%, it is **41.8185, 0.3126, 0.3286**.

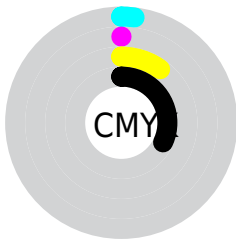
Distribution



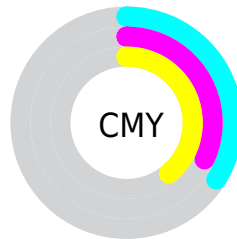
- Red (66%)
- Green (68%)
- Blue (61%)



- Red (61%)
- Yellow (68%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)




- Cyan (34%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7225, 0.3233, 0.3530 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 40.7225, 0.3233, 0.3530 by changing the saturation by 10% instead.


 40.7225, 0.3233,
0.3530


 40.7225, 0.3233,
0.3530


349.1595, 0.3179,
0.3406

 28.1023, 0.3247,
0.3562


 76.2625, 0.3213,
0.3484

 18.4028, 0.3264,
0.3605


 99.9510, 0.3206,
0.3467

 11.2396, 0.3288,
0.3662


128.0978, 0.3200,
0.3453

 6.2282, 0.3321,
0.3746

161.0873, 0.3195,
0.3441

 2.9843, 0.3370,
0.3878

199.3038, 0.3190,
0.3430

 1.1236, 0.3501,
0.4172

243.1317, 0.3186,

 0.0000, 0.0000,

0.3421

0.0000

292.9555, 0.3183,
0.3413

■ 40.7225, 0.3233,
0.3530

■ 40.7225, 0.3233,
0.3530

■ 39.7281, 0.3342,
0.3787

■ 41.8185, 0.3126,
0.3286

■ 38.8263, 0.3448,
0.4051

■ 43.0142, 0.3022,
0.3059

■ 38.0150, 0.3549,
0.4316

■ 44.3147, 0.2923,
0.2849

■ 37.2900, 0.3638,
0.4572

■ 45.7230, 0.2830,
0.2657

■ 36.6467, 0.3711,
0.4808

■ 47.2420, 0.2745,
0.2484

■ 36.0801, 0.3763,
0.5013

■ 48.5614, 0.2695,
0.2371

■ 35.5844, 0.3791,
0.5179

■ 49.1171, 0.2725,
0.2378

■ 35.1529, 0.3794,
0.5299

■ 49.6883, 0.2756,
0.2386

■ 34.7714, 0.3777,
0.5382

■ 50.2749, 0.2787,
0.2394

Harmonies

Analogous

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



40.7225, 0.3345, 0.3514



40.7225, 0.3233, 0.3530



40.7225, 0.3095, 0.3478

Triad

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



40.7225, 0.3233, 0.3530



40.7225, 0.2864, 0.3135



40.7225, 0.3287, 0.3208

Complementary

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



40.7225, 0.3233, 0.3530



34.2730, 0.3015, 0.3044

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.



40.7225, 0.3155, 0.3112



40.7225, 0.3233, 0.3530



40.7225, 0.2912, 0.3068

Square

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



40.7225, 0.3233, 0.3530



40.7225, 0.2884, 0.3246



40.7225, 0.3018, 0.3061



40.7225, 0.3377, 0.3326

Rectangle

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



40.7225, 0.3233, 0.3530



40.7225, 0.3007, 0.3412



40.7225, 0.3018, 0.3061



40.7225, 0.3246, 0.3172

Sweetspot

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



40.7243, 0.3233, 0.3530



74.2253, 0.3160, 0.3363



36.4163, 0.3290, 0.3347



16.0967, 0.3168, 0.3382



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.



40.7243, 0.3233, 0.3530



72.4766, 0.3259, 0.3590



39.8244, 0.3156, 0.3536



9.2321, 0.3227, 0.3517



25.5604, 0.3782, 0.5379



0.7342, 0.3913, 0.5275

Inverse Universe

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



34.2730, 0.3015, 0.3044



58.3776, 0.2985, 0.2981



35.1696, 0.3095, 0.3050



7.8464, 0.3021, 0.3058



2.5926, 0.1647, 0.0681



0.0972, 0.1965, 0.0856

Previews

White Background



This preview shows how the Yxy color 40.7225, 0.3233, 0.3530 looks on a white background.

Color Contrast Check

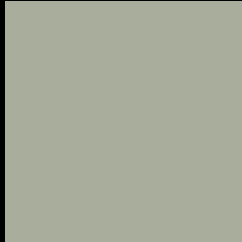
Large Text (above 18pt) WCAG AA × Fail

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 40.7225, 0.3233, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

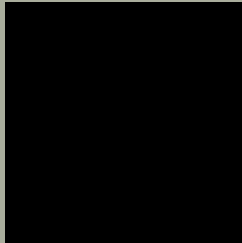
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7225, 0.3233, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 40.7225, 0.3233, 0.3530.



This preview shows how white text looks on a background with the Yxy color 40.7225, 0.3233, 0.3530.

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

40.7225, 0.3233, 0.3530

Protanopia

40.5810, 0.3331, 0.3497

Deuteranopia

40.5854, 0.3448, 0.3383



Tritanopia

40.6791, 0.3047, 0.3101

Trichromacy



Original Color

40.7225, 0.3233, 0.3530

Protanomaly

40.6063, 0.3301, 0.3513

Deuteranomaly

40.6299, 0.3374, 0.3440

Tritanomaly

40.5372, 0.3120, 0.3249

Monochromacy



Original Color

40.7225, 0.3233, 0.3530

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3885, 0.3169, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7225, 0.3233, 0.3530 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(169, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 156)  
}
```

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(169, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.7225, 0.3233, 0.3530 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(169, 173, 156) }
```

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

```
.border{ border-color:rgb(169, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7225, 0.3233, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 156) }
```

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

```
.background{ background-color: rgb(169,  
173, 156) }
```

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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