

Converting Colors

$Yxy(40.0368, 0.3058, 0.4228)$

Have a look what the booklet for
Yxy(40.0368, 0.3058, 0.4228)
contains.

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Color

Yxy(39.8992, 0.3060, 0.4229)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7AB87D |
| RGB | 122, 184, 125 |
| RGB Percent | 48%, 72%, 49% |
| CMY | 0.5215, 0.2784, 0.5098 |
| CMYK | 0.34, 0.00, 0.32, 0.28 |
| HSL | 123°, 30%, 60% |
| HSV | 123°, 34%, 72% |
| XYZ | 28.8701, 39.8992, 25.5774 |
| YIQ | 158.7360, -18.0130, -31.4930 |

Conversions

Conversions Part 2

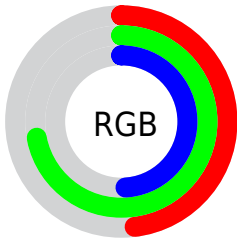
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 122, 181, 184 |
| Decimal | 8042621 |
| CIE _{Lab} | 69.40, -31.99, 23.83 |
| CIE _{LCh} | 69, 39.892, 143.313 |
| Yxy | 39.8992, 0.3060, 0.4229 |
| Android (android.graphics.Color) | 4286232701 (0xFF7AB87D) |
| YUV | 158.7360, -16.6318, -32.2175 |
| Hunter-Lab | 63.1658, -28.9564, 20.2081 |

Details

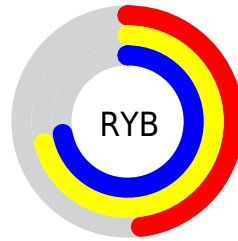
The Yxy color **39.8992, 0.3060, 0.4229** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.4533, 0.3197, 0.2502**, and the grayscale version is **34.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7646, 0.3080, 0.4032**, and **18.0427, 0.3018, 0.4572** is the 20% darker color. If you saturate the color by 10%, you get **38.2732, 0.3040, 0.4565**, and if you desaturate by 10%, it is **41.8619, 0.3081, 0.3914**.

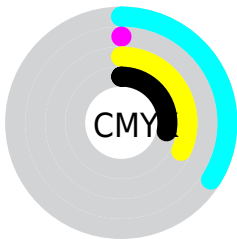
Distribution



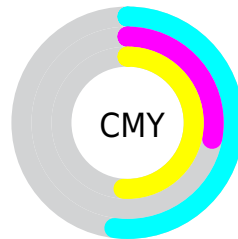
- Red (48%)
- Green (72%)
- Blue (49%)



- Red (48%)
- Yellow (71%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (28%)





- Cyan (52%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8992, 0.3060, 0.4229 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 39.8992, 0.3060, 0.4229 by changing the saturation by 10% instead.


 39.8992, 0.3060,
0.4229

 39.8992, 0.3060,
0.4229

345.6985, 0.3108,
0.3723

 27.4600, 0.3042,
0.4368


 75.0100, 0.3082,
0.4036

 17.9190, 0.3015,
0.4553


 98.4503, 0.3088,
0.3966

 10.8918, 0.2972,
0.4813


 126.3265, 0.3094,
0.3909

 5.9941, 0.2894,
0.5201

159.0229, 0.3098,
0.3860

 2.8415, 0.2751,
0.5863

196.9239, 0.3101,
0.3818

 1.0496, 0.1653,
0.8347

240.4139, 0.3104,

 0.0000, 0.0000,

0.3782

0.0000

289.8773, 0.3106,
0.3751

■ 39.8992, 0.3060,
0.4229

■ 39.8992, 0.3060,
0.4229

■ 38.2732, 0.3040,
0.4565

■ 41.8619, 0.3081,
0.3914

■ 36.9602, 0.3021,
0.4908

■ 44.1732, 0.3101,
0.3629

■ 35.9417, 0.3006,
0.5238


■ 46.8509, 0.3120,
0.3375


■ 35.1948, 0.2995,
0.5529

■ 49.9099, 0.3138,
0.3154


■ 34.6935, 0.2991,
0.5759


■ 53.3643, 0.3154,
0.2962

 34.4066, 0.2992,
0.5912

 57.2275, 0.3169,
0.2796

 34.3004, 0.2992,
0.5970

 61.5123, 0.3182,
0.2654

 62.7611, 0.3160,
0.2595

Harmonies

Analogous

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



39.8992, 0.3631, 0.4358



39.8992, 0.3060, 0.4229



39.8992, 0.2535, 0.3753

Triad

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



39.8992, 0.3060, 0.4229



39.8992, 0.2210, 0.2415



39.8992, 0.4158, 0.3291

Complementary

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



39.8992, 0.3060, 0.4229



27.4533, 0.3197, 0.2502

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.



39.8992, 0.3704, 0.2868



39.8992, 0.3060, 0.4229



39.8992, 0.2568, 0.2382

Square

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



39.8992, 0.3060, 0.4229



39.8992, 0.2078, 0.2673



39.8992, 0.3107, 0.2546



39.8992, 0.4298, 0.3746

Rectangle

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



39.8992, 0.3060, 0.4229



39.8992, 0.2279, 0.3349



39.8992, 0.3107, 0.2546



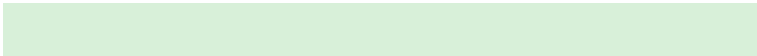
39.8992, 0.4036, 0.3143

Sweetspot

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



39.9009, 0.3060, 0.4229



81.7048, 0.3108, 0.3536



45.6239, 0.3608, 0.4122



17.4724, 0.3105, 0.3572



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.9009, 0.3060, 0.4229



70.2077, 0.3046, 0.4462



40.7897, 0.2848, 0.3737



10.0669, 0.3110, 0.3515



23.6425, 0.2990, 0.5963



0.8358, 0.2949, 0.5816

Inverse Universe

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



27.4533, 0.3197, 0.2502



44.3696, 0.3213, 0.2345



26.3483, 0.3539, 0.2886



9.1551, 0.3145, 0.3075



9.1648, 0.3331, 0.1609



0.3254, 0.3297, 0.1590

Previews

White Background



This preview shows how the Yxy color 39.8992, 0.3060, 0.4229 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 39.8992, 0.3060, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

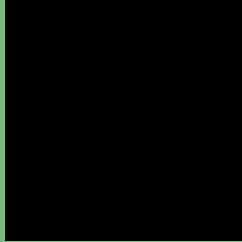
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8992, 0.3060, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 39.8992, 0.3060, 0.4229.



This preview shows how white text looks on a background with the Yxy color 39.8992, 0.3060, 0.4229.

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

39.8992, 0.3060, 0.4229

Protanopia

39.6290, 0.3703, 0.3994

Deuteranopia

39.4581, 0.3785, 0.3712



Tritanopia

39.8367, 0.2685, 0.3087

Trichromacy



Original Color

39.8992, 0.3060, 0.4229

Protanomaly

39.1262, 0.3442, 0.4071

Deuteranomaly

38.8540, 0.3492, 0.3894

Tritanomaly

39.7392, 0.2825, 0.3486

Monochromacy



Original Color

39.8992, 0.3060, 0.4229

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.2228, 0.3103, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8992, 0.3060, 0.4229 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(122, 184, 125)` looks like.

```
.text, #text, p{  
  color:rgb(122, 184, 125)  
}
```

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(122, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.8992, 0.3060, 0.4229 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(122, 184, 125) }
```

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

```
.border{ border-color:rgb(122, 184, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8992, 0.3060, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 125) }
```

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

```
.background{ background-color: rgb(122,  
184, 125) }
```

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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