Converting Colors

Yxy(40.2467, 0.3534, 0.3369)

Have a look what the booklet for Yxy(40.2467, 0.3534, 0.3369) contains.

Color

Yxy(40.2467, 0.3534, 0.3369)

Conversions

Format	Color
Hex	C6A29C
RGB	198, 162, 156
RGB Percent	78%, 64%, 61%
CMY	0.2234, 0.3647, 0.3882
CMYK	0.00, 0.18, 0.21, 0.22
HSL	9°, 27%, 69%
HSV	9°, 21%, 78%
XYZ	42.2178, 40.2467, 36.9973
YIQ	172.0800, 23.3820, 5.7660

Conversions Part 1

Conversions

Conversions Part 2

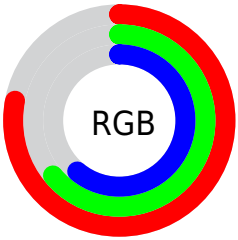
Format	Color
RYB	198, 163, 156
Decimal	13017756
CIELab	69.64, 12.34, 8.10
CIELCh	70, 14.759, 33.294
Yxy	40.2467, 0.3534, 0.3369
Android (android.graphics.Color)	4291207836 (0xFFC6A29C)
YUV	172.0800, -7.9274, 22.7318
Hunter-Lab	63.4403, 7.7665, 9.8312

Details

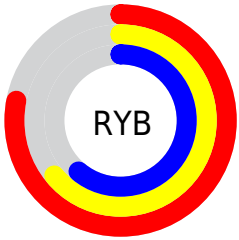
The Yxy color 40.2467, 0.3534, 0.3369 is a light color, and the websafe version is hex CC9999. A complement of this color would be 48.8714, 0.2809, 0.3209, and the grayscale version is 41.3321, 0.3127, 0.3290.

A 20% lighter version of the original color is 75.5389, 0.3458, 0.3362, and 18.1011, 0.3665, 0.3380 is the 20% darker color. If you saturate the color by 10%, you get 34.0467, 0.3793, 0.3409, and if you desaturate by 10%, it is 47.3680, 0.3321, 0.3330.

Distribution

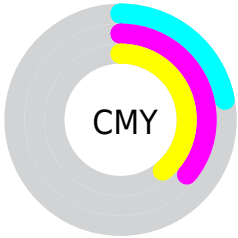


- Red (78%)
- Green (64%)
- Blue (61%)



- Red (78%)
- Yellow (64%)
- Blue (61%)

- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2467, 0.3534, 0.3369 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 40.2467, 0.3534, 0.3369 by changing the saturation by 10% instead.

40.2467, 0.3534, 0.3369

40.2467, 0.3534, 0.3369

347.1623, 0.3324, 0.3332

27.7309, 0.3589, 0.3378

75.5390, 0.3456, 0.3356

18.1229, 0.3660, 0.3388

99.0844, 0.3427, 0.3351

11.0383, 0.3757, 0.3401

127.0751, 0.3403, 0.3347

6.0926, 0.3898, 0.3417

159.8955, 0.3383, 0.3343

2.9015, 0.4117, 0.3436

197.9300, 0.3365, 0.3340

1.0805, 0.4569, 0.3500

241.5631, 0.3350,

0.0000, 1.0000,

0.3337

0.0000

291.1790, 0.3336, 0.3334

0.0000, 0.0000, 0.0000

40.2467, 0.3534, 0.3369

40.2467, 0.3534, 0.3369

34.0467, 0.3793, 0.3409

47.3680, 0.3321, 0.3330

28.7250, 0.4105, 0.3448

55.4403, 0.3146, 0.3294

24.2433, 0.4471, 0.3482

64.4989, 0.3003, 0.3261

20.5585, 0.4884, 0.3506

74.5756, 0.2885, 0.3231

17.6235, 0.5320, 0.3512

85.6993, 0.2788, 0.3204

15.3862, 0.5734, 0.3493

90.7513, 0.2795, 0.3289

13.7877, 0.6070, 0.3448

12.8510, 0.6275, 0.3400

Harmonies

Analogous

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

40.2467, 0.3405, 0.3186

40.2467, 0.3534, 0.3369

40.2467, 0.3549, 0.3540

Triad

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

40.2467, 0.3534, 0.3369

40.2467, 0.3043, 0.3570

40.2467, 0.2810, 0.2937

Complementary

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

40.2467, 0.3534, 0.3369

48.8714, 0.2809, 0.3209

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.

40.2467, 0.2722, 0.3023

40.2467, 0.3534, 0.3369

40.2467, 0.2852, 0.3391

Square

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

40.2467, 0.3534, 0.3369

40.2467, 0.3261, 0.3667

40.2467, 0.2737, 0.3188

40.2467, 0.2984, 0.2942

Rectangle

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

40.2467, 0.3534, 0.3369

40.2467, 0.3493, 0.3624

40.2467, 0.2737, 0.3188

40.2467, 0.2770, 0.2955

Sweetspot

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

40.2485, 0.3534, 0.3369

90.9652, 0.3227, 0.3311

39.6149, 0.3202, 0.2834

19.2681, 0.3238, 0.3314

0.0000, 0.0000, 0.0000

21.4041, 0.3127, 0.3290

Same Dimension

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

40.2485, 0.3534, 0.3369

66.4922, 0.3636, 0.3386

48.1252, 0.3481, 0.3630

10.8765, 0.3286, 0.3324

8.4298, 0.6258, 0.3413

0.4800, 0.5921, 0.3680

Inverse Universe

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

48.8714, 0.2809, 0.3209

84.1943, 0.2750, 0.3192

40.4314, 0.2789, 0.2925

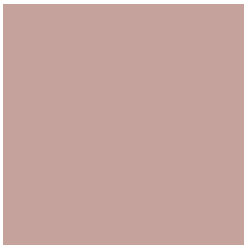
11.8002, 0.2984, 0.3256

21.3979, 0.2121, 0.2837

1.0857, 0.2150, 0.2940

Previews

White Background

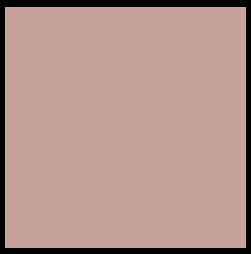


This preview shows how the Yxy color 40.2467, 0.3534, 0.3369 looks on a white background.

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



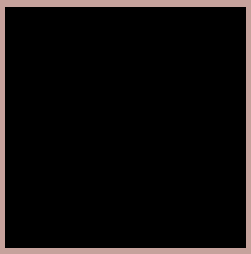
This preview shows how the Yxy color 40.2467, 0.3534, 0.3369 looks on a black background.

Color Contrast Check

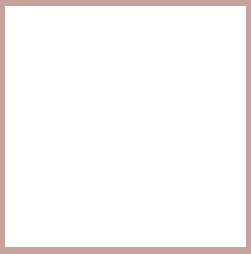
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 40.2467, 0.3534, 0.3369 Background



This preview shows how black text looks on a background with the Yxy color 40.2467, 0.3534, 0.3369.



This preview shows how white text looks on a background with the Yxy color 40.2467, 0.3534, 0.3369.

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

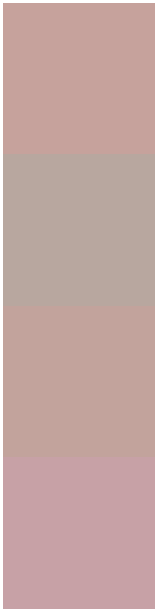
Original Color
40.2467, 0.3534, 0.3369

Protanopia
40.5176, 0.3268, 0.3428

Deuteranopia
40.1577, 0.3470, 0.3397

Tritanopia
40.3995, 0.3405, 0.3138

Trichromacy



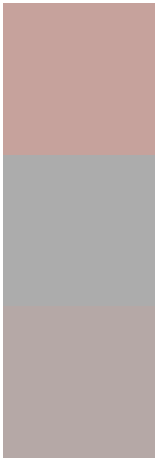
Original Color
40.2467, 0.3534, 0.3369

Protanomaly
40.3310, 0.3358, 0.3399

Deuteranomaly
40.0640, 0.3492, 0.3383

Tritanomaly
40.3850, 0.3450, 0.3227

Monochromacy



Original Color
40.2467, 0.3534, 0.3369

Achromatopsia
41.2543, 0.3127, 0.3290

Achromatomaly
40.5822, 0.3265, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2467, 0.3534, 0.3369 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(198, 162, 156) looks like.

```
.text, #text, p{
    color:rgb(198, 162, 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(198, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.2467, 0.3534, 0.3369 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(198, 162, 156) }
```

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

```
.border{ border-color:rgb(198, 162, 156) }
```

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

Here you see how a box with a 4 pixel rgb(198, 162, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 162, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 162, 156); box-shadow:4px 4px 4px 4px rgb(198, 162, 156) }
```

Background

The CSS property to change the background color of an element to Yxy 40.2467, 0.3534, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 162, 156) }
```

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

```
.background{ background-color:rgb(198,
162, 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.

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