

Converting Colors

$Yxy(40.8566, 0.3433, 0.3438)$

Have a look what the booklet for
Yxy(40.8566, 0.3433, 0.3438)
contains.

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Color

Yxy(40.8566, 0.3433, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	BDA79C
RGB	189, 167, 156
RGB Percent	74%, 65%, 61%
CMY	0.2590, 0.3450, 0.3883
CMYK	0.00, 0.12, 0.17, 0.26
HSL	20°, 20%, 68%
HSV	20°, 17%, 74%
XYZ	40.7972, 40.8566, 37.1845
YIQ	172.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

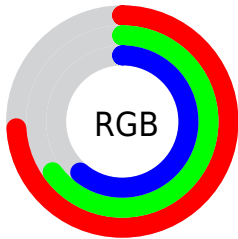
Format	Color
RYB	189, 173, 156
Decimal	12429212
CIELab	70.08, 6.15, 8.61
CIELCh	70, 10.582, 54.447
Yxy	40.8566, 0.3433, 0.3438
Android (android.graphics.Color)	4290619292 (0xFFBDA79C)
YUV	172.3240, -8.0477, 14.6249
Hunter-Lab	63.9192, 2.0712, 10.2519

Details

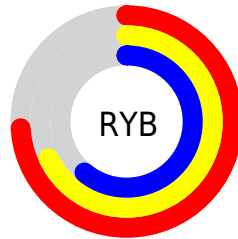
The Yxy color $40.8566, 0.3433, 0.3438$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.5520, 0.2860, 0.3137$, and the grayscale version is $41.4614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3082, 0.3375, 0.3415$, and $18.4323, 0.3520, 0.3475$ is the 20% darker color. If you saturate the color by 10%, you get $35.8811, 0.3651, 0.3529$, and if you desaturate by 10%, it is $46.3833, 0.3247, 0.3351$.

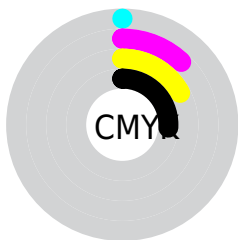
Distribution



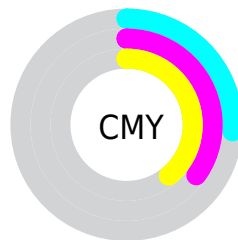
- Red (74%)
- Green (65%)
- Blue (61%)



- Red (74%)
- Yellow (68%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (26%)




- Cyan (26%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8566, 0.3433, 0.3438 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 40.8566, 0.3433, 0.3438 by changing the saturation by 10% instead.


 40.8566, 0.3433,
0.3438


 40.8566, 0.3433,
0.3438


349.7209, 0.3276,
0.3364

 28.2071, 0.3474,
0.3456


 76.4662, 0.3375,
0.3411

 18.4818, 0.3527,
0.3480


 100.1950, 0.3353,
0.3401

 11.2964, 0.3599,
0.3511


128.3856, 0.3335,
0.3393

 6.2666, 0.3702,
0.3554

161.4226, 0.3320,
0.3385

 3.0079, 0.3863,
0.3618

199.6902, 0.3307,
0.3379

 1.1358, 0.4201,
0.3767

243.5728, 0.3295,

 0.0083, 0.9499,

0.3373

0.0501

293.4550, 0.3285,
0.3368

0.0000, 0.0000,
0.0000

40.8566, 0.3433,
0.3438

40.8566, 0.3433,
0.3438

35.8811, 0.3651,
0.3529

46.3833, 0.3247,
0.3351

31.4342, 0.3906,
0.3620

52.4723, 0.3089,
0.3270

27.4992, 0.4197,
0.3707

59.1412, 0.2956,
0.3195

24.0569, 0.4522,
0.3781

66.4051, 0.2842,
0.3126

21.0866, 0.4870,
0.3832

74.2786, 0.2745,
0.3063

■ 18.5659, 0.5220,
0.3847

■ 81.8155, 0.2734,
0.3154

■ 16.4703, 0.5544,
0.3815

■ 89.5533, 0.2747,
0.3289

■ 14.7704, 0.5813,
0.3737

■ 14.3922, 0.5877,
0.3716

Harmonies

Analogous

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



40.8566, 0.3397, 0.3309



40.8566, 0.3433, 0.3438



40.8566, 0.3385, 0.3532

Triad

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



40.8566, 0.3433, 0.3438



40.8566, 0.2967, 0.3403



40.8566, 0.2984, 0.3031

Complementary

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



40.8566, 0.3433, 0.3438



42.5520, 0.2860, 0.3137

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.



40.8566, 0.2874, 0.3049



40.8566, 0.3433, 0.3438



40.8566, 0.2864, 0.3261

Square

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



40.8566, 0.3433, 0.3438



40.8566, 0.3114, 0.3515



40.8566, 0.2831, 0.3131



40.8566, 0.3135, 0.3079

Rectangle

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



40.8566, 0.3433, 0.3438



40.8566, 0.3312, 0.3560



40.8566, 0.2831, 0.3131



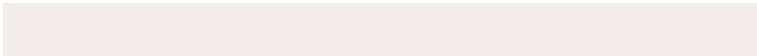
40.8566, 0.2941, 0.3029

Sweetspot

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



40.8584, 0.3433, 0.3438



85.6033, 0.3207, 0.3331



37.8009, 0.3247, 0.3001



18.2484, 0.3219, 0.3337



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.8584, 0.3433, 0.3438



69.6295, 0.3514, 0.3473



47.2717, 0.3397, 0.3649



10.0439, 0.3280, 0.3367



9.8156, 0.5854, 0.3734



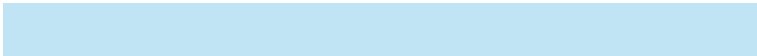
0.5074, 0.5380, 0.4110

Inverse Universe

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



42.5520, 0.2860, 0.3137



73.2373, 0.2801, 0.3099



36.3996, 0.2849, 0.2903



10.2571, 0.2985, 0.3211



12.6177, 0.1937, 0.2171



0.6100, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 40.8566, 0.3433, 0.3438 looks on a white background.

Color Contrast Check

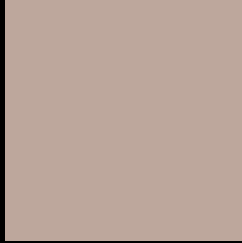
Large Text (above 18pt) WCAG AA × Fail

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 40.8566, 0.3433, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

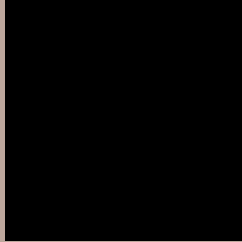
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8566, 0.3433, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 40.8566, 0.3433, 0.3438.



This preview shows how white text looks on a background with the Yxy color 40.8566, 0.3433, 0.3438.

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

40.8566, 0.3433, 0.3438

Protanopia

41.0594, 0.3303, 0.3469

Deuteranopia

40.6480, 0.3477, 0.3410



Tritanopia

40.9317, 0.3276, 0.3122

Trichromacy



Original Color

40.8566, 0.3433, 0.3438

Protanomaly

41.1289, 0.3351, 0.3467

Deuteranomaly

40.8792, 0.3465, 0.3423

Tritanomaly

40.8512, 0.3337, 0.3238

Monochromacy



Original Color

40.8566, 0.3433, 0.3438

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9676, 0.3235, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8566, 0.3433, 0.3438 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(189, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 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(189, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.8566, 0.3433, 0.3438 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(189, 167, 156) }
```

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

```
.border{ border-color:rgb(189, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8566, 0.3433, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 156) }
```

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

```
.background{ background-color: rgb(189,  
167, 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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