

Converting Colors

$Yxy(40.8398, 0.3484, 0.3469)$

Have a look what the booklet for
Yxy(40.8398, 0.3484, 0.3469)
contains.

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Color

Yxy(40.6487, 0.3483, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	BFA699
RGB	191, 166, 153
RGB Percent	75%, 65%, 60%
CMY	0.2510, 0.3490, 0.4000
CMYK	0.00, 0.13, 0.20, 0.25
HSL	21°, 23%, 67%
HSV	21°, 20%, 75%
XYZ	40.8717, 40.6487, 35.8258
YIQ	171.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

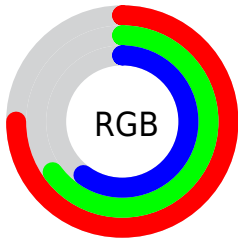
Format	Color
RYB	191, 173, 153
Decimal	12560025
CIELab	69.93, 7.01, 10.08
CIELCh	70, 12.280, 55.176
Yxy	40.6487, 0.3483, 0.3464
Android (android.graphics.Color)	4290750105 (0xFFBFA699)
YUV	171.9930, -9.3635, 16.6691
Hunter-Lab	63.7563, 2.8557, 11.3134

Details

The Yxy color **40.6487, 0.3483, 0.3464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3708, 0.2822, 0.3109**, and the grayscale version is **41.2930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1744, 0.3420, 0.3435**, and **18.3123, 0.3591, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **35.7226, 0.3709, 0.3557**, and if you desaturate by 10%, it is **46.1256, 0.3290, 0.3374**.

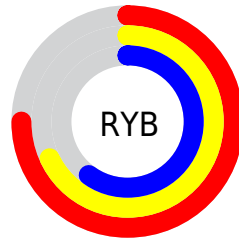
Distribution



Red (75%)

Green (65%)

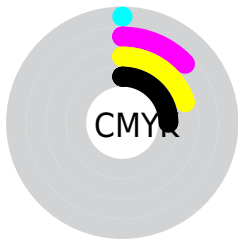
Blue (60%)



Red (75%)

Yellow (68%)

Blue (60%)

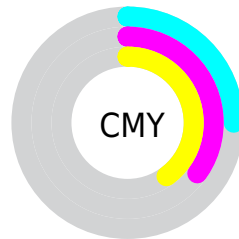


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6487, 0.3483, 0.3464 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 40.6487, 0.3483, 0.3464 by changing the saturation by 10% instead.


 40.6487, 0.3483,
0.3464


 40.6487, 0.3483,
0.3464


348.8502, 0.3300,
0.3377

 28.0447, 0.3530,
0.3485


 76.1503, 0.3415,
0.3433

 18.3593, 0.3592,
0.3513


 99.8167, 0.3390,
0.3421

 11.2083, 0.3676,
0.3549


127.9394, 0.3369,
0.3411

 6.2071, 0.3797,
0.3599

160.9027, 0.3351,
0.3402

 2.9714, 0.3984,
0.3670

199.0910, 0.3336,
0.3395

 1.1168, 0.4419,
0.3874

242.8888, 0.3322,

 0.0000, 1.0000,

0.3388

0.0000

292.6804, 0.3310,
0.3382

0.0000, 0.0000,
0.0000

40.6487, 0.3483,
0.3464

40.6487, 0.3483,
0.3464

35.7226, 0.3709,
0.3557

46.1256, 0.3290,
0.3374

31.3243, 0.3971,
0.3650

52.1646, 0.3126,
0.3289

27.4372, 0.4269,
0.3737

58.7833, 0.2986,
0.3211

24.0416, 0.4598,
0.3808

65.9972, 0.2868,
0.3139

21.1163, 0.4946,
0.3853

73.8208, 0.2767,
0.3073

■ 18.6387, 0.5289,
0.3858

■ 81.4304, 0.2744,
0.3143

■ 16.5835, 0.5599,
0.3815

■ 89.1412, 0.2756,
0.3278

■ 14.9164, 0.5856,
0.3731

■ 89.8166, 0.2757,
0.3289

■ 14.9013, 0.5858,
0.3731

Harmonies

Analogous

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



40.6487, 0.3443, 0.3315



40.6487, 0.3483, 0.3464



40.6487, 0.3424, 0.3573

Triad

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



40.6487, 0.3483, 0.3464



40.6487, 0.2937, 0.3418



40.6487, 0.2964, 0.2990

Complementary

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



40.6487, 0.3483, 0.3464



42.3708, 0.2822, 0.3109

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.



40.6487, 0.2836, 0.3008



40.6487, 0.3483, 0.3464



40.6487, 0.2820, 0.3251

Square

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



40.6487, 0.3483, 0.3464



40.6487, 0.3107, 0.3551



40.6487, 0.2784, 0.3102



40.6487, 0.3140, 0.3048

Rectangle

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



40.6487, 0.3483, 0.3464



40.6487, 0.3338, 0.3605



40.6487, 0.2784, 0.3102



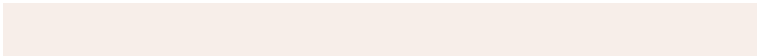
40.6487, 0.2914, 0.2988

Sweetspot

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



40.6505, 0.3483, 0.3464



86.6032, 0.3224, 0.3341



37.0850, 0.3267, 0.2959



18.8626, 0.3235, 0.3347



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.6505, 0.3483, 0.3464



68.7297, 0.3580, 0.3506



47.9353, 0.3438, 0.3702



10.0560, 0.3280, 0.3369



9.9287, 0.5834, 0.3750



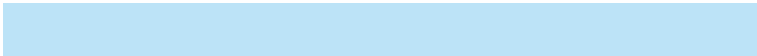
0.5126, 0.5364, 0.4123

Inverse Universe

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



42.3708, 0.2822, 0.3109



72.3806, 0.2754, 0.3064



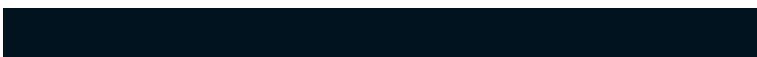
35.4430, 0.2806, 0.2842



10.2445, 0.2985, 0.3210



12.3687, 0.1929, 0.2144



0.6016, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 40.6487, 0.3483, 0.3464 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 40.6487, 0.3483, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

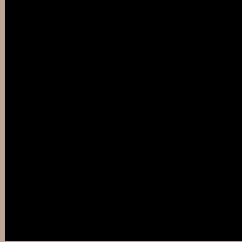
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6487, 0.3483, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 40.6487, 0.3483, 0.3464.



This preview shows how white text looks on a background with the Yxy color 40.6487, 0.3483, 0.3464.

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

40.6487, 0.3483, 0.3464

Protanopia

40.5810, 0.3331, 0.3497

Deuteranopia

40.6795, 0.3515, 0.3449



Tritanopia

40.7589, 0.3314, 0.3135

Trichromacy



Original Color

40.6487, 0.3483, 0.3464

Protanomaly

40.7763, 0.3389, 0.3495

Deuteranomaly

40.5476, 0.3505, 0.3450

Tritanomaly

40.6784, 0.3377, 0.3252

Monochromacy



Original Color

40.6487, 0.3483, 0.3464

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0498, 0.3253, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6487, 0.3483, 0.3464 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(191, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 153)  
}
```

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(191, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 153) }
```

Border

The CSS property to change the border of an element to Yxy 40.6487, 0.3483, 0.3464 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(191, 166, 153) }
```

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

```
.border{ border-color:rgb(191, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6487, 0.3483, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 153) }
```

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

```
.background{ background-color: rgb(191,  
166, 153) }
```

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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