

Converting Colors

$Y_{xy}(47.3329, 0.3433, 0.3560)$

Have a look what the booklet for
Yxy(47.3329, 0.3433, 0.3560)
contains.

Yxy(47.3216, 0.3433, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3216, 0.3433, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	C4B5A0
RGB	196, 181, 160
RGB Percent	77%, 71%, 63%
CMY	0.2313, 0.2902, 0.3727
CMYK	0.00, 0.08, 0.18, 0.23
HSL	35°, 23%, 70%
HSV	35°, 18%, 77%
XYZ	45.6334, 47.3216, 39.9708
YIQ	183.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

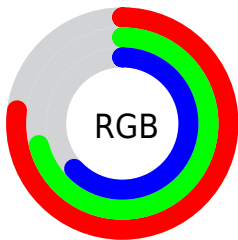
Format	Color
R _Y B	186, 196, 160
Decimal	12891552
CIE Lab	74.40, 1.88, 12.65
CIE LCh	74, 12.788, 81.527
Yxy	47.3216, 0.3433, 0.3560
Android (android.graphics.Color)	4291081632 (0xFFC4B5A0)
YUV	183.0910, -11.3839, 11.3212
Hunter-Lab	68.7907, -1.9728, 13.7031

Details

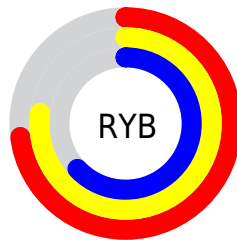
The Yxy color $47.3216, 0.3433, 0.3560$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.1054, 0.2838, 0.3004$, and the grayscale version is $47.4641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3573, 0.3376, 0.3511$, and $22.2933, 0.3514, 0.3621$ is the 20% darker color. If you saturate the color by 10%, you get $43.4689, 0.3627, 0.3715$, and if you desaturate by 10%, it is $51.4811, 0.3259, 0.3410$.

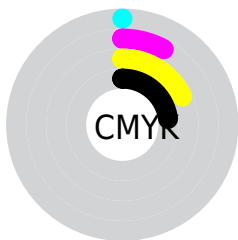
Distribution



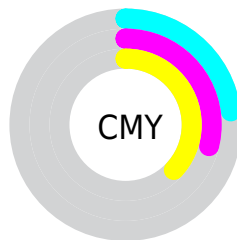
- Red (77%)
- Green (71%)
- Blue (63%)



- Red (73%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3216, 0.3433, 0.3560 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 47.3216, 0.3433, 0.3560 by changing the saturation by 10% instead.


 47.3216, 0.3433,
0.3560

 47.3216, 0.3433,
0.3560


376.0968, 0.3280,
0.3426

 33.2900, 0.3471,
0.3593


 86.1935, 0.3378,
0.3512

 22.3487, 0.3520,
0.3635


 111.8025, 0.3357,
0.3493

 14.1133, 0.3585,
0.3691


142.0394, 0.3339,
0.3478

 8.1995, 0.3674,
0.3767

177.2887, 0.3324,
0.3465

 4.2229, 0.3807,
0.3878

217.9347, 0.3311,
0.3453

 1.7990, 0.4025,
0.4057

264.3617, 0.3299,

 0.4866, 0.5110,

0.3443

0.4890

316.9543, 0.3289,
0.3434

0.0000, 0.0000,
0.0000

47.3216, 0.3433,
0.3560

47.3216, 0.3433,
0.3560

43.4689, 0.3627,
0.3715

51.4811, 0.3259,
0.3410

39.9083, 0.3840,
0.3869

55.9489, 0.3103,
0.3268

36.6331, 0.4068,
0.4017

60.7348, 0.2966,
0.3135

33.6338, 0.4306,
0.4147

65.8460, 0.2845,
0.3011

30.9002, 0.4544,
0.4249

71.0967, 0.2755,
0.2928

■ 28.4211, 0.4771,
0.4311

■ 75.5320, 0.2762,
0.3019

■ 26.1840, 0.4972,
0.4324

■ 80.1799, 0.2769,
0.3109

■ 24.1710, 0.5142,
0.4286

■ 85.0433, 0.2776,
0.3197

■ 23.8639, 0.5169,
0.4278

■ 90.1249, 0.2783,
0.3283

Harmonies

Analogous

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



47.3216, 0.3480, 0.3446



47.3216, 0.3433, 0.3560



47.3216, 0.3303, 0.3604

Triad

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



47.3216, 0.3433, 0.3560



47.3216, 0.2834, 0.3272



47.3216, 0.3118, 0.3040

Complementary

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



47.3216, 0.3433, 0.3560



42.1054, 0.2838, 0.3004

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.



47.3216, 0.2947, 0.2991



47.3216, 0.3433, 0.3560



47.3216, 0.2787, 0.3119

Square

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



47.3216, 0.3433, 0.3560



47.3216, 0.2958, 0.3436



47.3216, 0.2828, 0.3019



47.3216, 0.3295, 0.3150

Rectangle

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



47.3216, 0.3433, 0.3560



47.3216, 0.3189, 0.3584



47.3216, 0.2828, 0.3019



47.3216, 0.3058, 0.3016

Sweetspot

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



47.3237, 0.3433, 0.3560



95.0565, 0.3221, 0.3377



39.9619, 0.3338, 0.3097



20.2335, 0.3232, 0.3386



0.0000, 0.0000, 0.0000



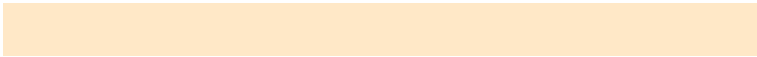
21.4041, 0.3127, 0.3290

Same Dimension

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



47.3237, 0.3433, 0.3560



82.8922, 0.3507, 0.3621



53.3597, 0.3375, 0.3746



11.0326, 0.3275, 0.3424



15.5050, 0.5151, 0.4292



0.8035, 0.4883, 0.4505

Inverse Universe

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



42.1054, 0.2838, 0.3004



71.7268, 0.2773, 0.2935



36.8996, 0.2853, 0.2798



10.4215, 0.2984, 0.3152



6.5611, 0.1703, 0.1330



0.4194, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 47.3216, 0.3433, 0.3560 looks on a white background.

Color Contrast Check

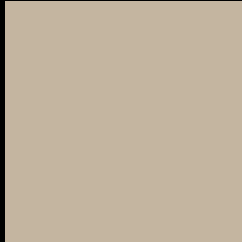
Large Text (above 18pt) WCAG AA × Fail

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 47.3216, 0.3433, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

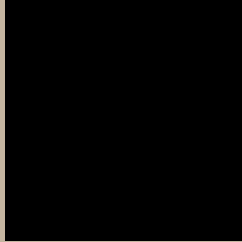
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

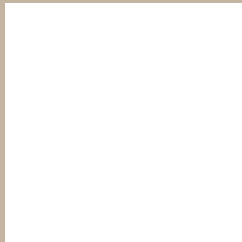
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3216, 0.3433, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 47.3216, 0.3433, 0.3560.



This preview shows how white text looks on a background with the Yxy color 47.3216, 0.3433, 0.3560.

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

47.3216, 0.3433, 0.3560

Protanopia

47.1055, 0.3377, 0.3563

Deuteranopia

47.1792, 0.3555, 0.3476



Tritanopia

47.4413, 0.3222, 0.3130

Trichromacy



Original Color

47.3216, 0.3433, 0.3560

Protanomaly

47.3666, 0.3395, 0.3561

Deuteranomaly

47.2514, 0.3504, 0.3504

Tritanomaly

47.2376, 0.3304, 0.3278

Monochromacy



Original Color

47.3216, 0.3433, 0.3560

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2424, 0.3235, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3216, 0.3433, 0.3560 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(196, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 160)  
}
```

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(196, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.3216, 0.3433, 0.3560 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(196, 181, 160) }
```

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

```
.border{ border-color:rgb(196, 181, 160) }
```

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

Here you see how a box with a 4 pixel rgb(196, 181, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3216, 0.3433, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 160) }
```

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

```
.background{ background-color: rgb(196,  
181, 160) }
```

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