

Converting Colors

$Yxy(46.9544, 0.3461, 0.3382)$

Have a look what the booklet for
Yxy(46.9544, 0.3461, 0.3382)
contains.

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Color

Yxy(47.0371, 0.3457, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	CEB0A9
RGB	206, 176, 169
RGB Percent	81%, 69%, 66%
CMY	0.1922, 0.3098, 0.3373
CMYK	0.00, 0.15, 0.18, 0.19
HSL	11°, 27%, 74%
HSV	11°, 18%, 81%
XYZ	48.1371, 47.0371, 44.0712
YIQ	184.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

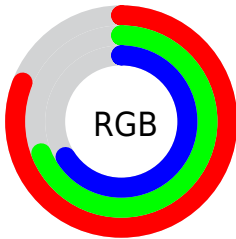
Format	Color
R _Y B	206, 178, 169
Decimal	13545641
CIE Lab	74.21, 9.70, 7.60
CIE LCh	74, 12.321, 38.070
Yxy	47.0371, 0.3457, 0.3378
Android (android.graphics.Color)	4291735721 (0xFFCEB0A9)
YUV	184.1720, -7.4798, 19.1432
Hunter-Lab	68.5836, 5.2635, 9.9093

Details

The Yxy color $47.0371, 0.3457, 0.3378$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.7209, 0.2854, 0.3200$, and the grayscale version is $48.0667, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3550, 0.3338, 0.3370$, and $22.0296, 0.3550, 0.3392$ is the 20% darker color. If you saturate the color by 10%, you get $40.1777, 0.3696, 0.3431$, and if you desaturate by 10%, it is $54.8273, 0.3259, 0.3328$.

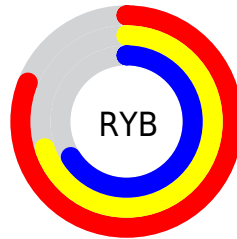
Distribution



Red (81%)

Green (69%)

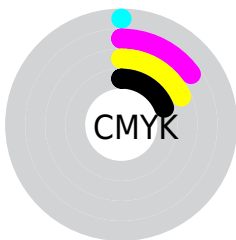
Blue (66%)



Red (81%)

Yellow (70%)

Blue (66%)

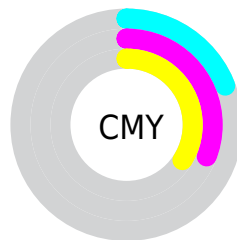


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0371, 0.3457, 0.3378 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 47.0371, 0.3457, 0.3378 by changing the saturation by 10% instead.


 47.0371, 0.3457,
0.3378

 47.0371, 0.3457,
0.3378


374.9626, 0.3291,
0.3336

 33.0650, 0.3499,
0.3388


 85.7690, 0.3397,
0.3363

 22.1762, 0.3552,
0.3400


111.2976, 0.3374,
0.3358

 13.9865, 0.3624,
0.3415


141.4471, 0.3355,
0.3353

 8.1112, 0.3724,
0.3436

176.6019, 0.3338,
0.3349

 4.1662, 0.3875,
0.3463

217.1465, 0.3324,
0.3345

 1.7670, 0.4126,
0.3499

263.4652, 0.3312,

 0.4665, 0.5932,

0.3342

0.4068

315.9425, 0.3301,
0.3339

0.0000, 0.0000,
0.0000

47.0371, 0.3457,
0.3378

47.0371, 0.3457,
0.3378

40.1777, 0.3696,
0.3431

54.8273, 0.3259,
0.3328

34.2079, 0.3982,
0.3483

63.5748, 0.3096,
0.3281

29.0929, 0.4318,
0.3532

73.3130, 0.2962,
0.3238

24.7932, 0.4702,
0.3571

84.0718, 0.2850,
0.3199

21.2660, 0.5117,
0.3590

91.8604, 0.2838,
0.3289

■ 18.4645, 0.5529,
0.3581

■ 16.3367, 0.5892,
0.3539

■ 14.8209, 0.6159,
0.3468

■ 14.5778, 0.6205,
0.3455

Harmonies

Analogous

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



47.0371, 0.3368, 0.3230



47.0371, 0.3457, 0.3378



47.0371, 0.3454, 0.3508

Triad

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



47.0371, 0.3457, 0.3378



47.0371, 0.3034, 0.3491



47.0371, 0.2894, 0.3004

Complementary

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



47.0371, 0.3457, 0.3378



53.7209, 0.2854, 0.3200

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.



47.0371, 0.2810, 0.3064



47.0371, 0.3457, 0.3378



47.0371, 0.2890, 0.3345

Square

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



47.0371, 0.3457, 0.3378



47.0371, 0.3207, 0.3580



47.0371, 0.2808, 0.3187



47.0371, 0.3041, 0.3019

Rectangle

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



47.0371, 0.3457, 0.3378



47.0371, 0.3401, 0.3567



47.0371, 0.2808, 0.3187



47.0371, 0.2857, 0.3016

Sweetspot

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



47.0392, 0.3457, 0.3378



92.7911, 0.3209, 0.3314



45.6247, 0.3205, 0.2926



19.6512, 0.3221, 0.3317



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.



47.0392, 0.3457, 0.3378



71.2491, 0.3554, 0.3401



54.6894, 0.3419, 0.3598



11.5525, 0.3285, 0.3335



9.0841, 0.6183, 0.3472



0.5744, 0.5815, 0.3765

Inverse Universe

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



53.7209, 0.2854, 0.3200



84.2620, 0.2791, 0.3177



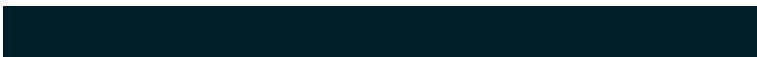
45.8172, 0.2842, 0.2962



12.3510, 0.2983, 0.3245



19.8746, 0.2077, 0.2676



1.1210, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 47.0371, 0.3457, 0.3378 looks on a white background.

Color Contrast Check

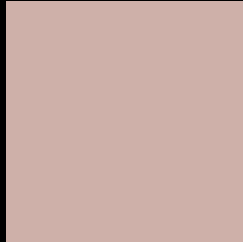
Large Text (above 18pt) WCAG AA × Fail

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 47.0371, 0.3457, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

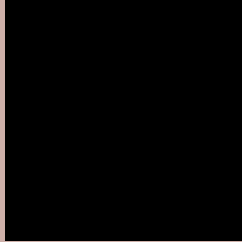
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0371, 0.3457, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 47.0371, 0.3457, 0.3378.



This preview shows how white text looks on a background with the Yxy color 47.0371, 0.3457, 0.3378.

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

47.0371, 0.3457, 0.3378

Protanopia

47.1258, 0.3259, 0.3420

Deuteranopia

46.8944, 0.3448, 0.3378



Tritanopia

46.8849, 0.3323, 0.3121

Trichromacy



Original Color

47.0371, 0.3457, 0.3378

Protanomaly

47.1849, 0.3333, 0.3405

Deuteranomaly

46.8944, 0.3448, 0.3378

Tritanomaly

46.8328, 0.3373, 0.3217

Monochromacy



Original Color

47.0371, 0.3457, 0.3378

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5089, 0.3238, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0371, 0.3457, 0.3378 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(206, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 169)  
}
```

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(206, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.0371, 0.3457, 0.3378 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(206, 176, 169) }
```

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

```
.border{ border-color:rgb(206, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0371, 0.3457, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 169) }
```

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

```
.background{ background-color: rgb(206,  
176, 169) }
```

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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