

Converting Colors

$Yxy(47.9724, 0.3408, 0.3377)$

Have a look what the booklet for
Yxy(47.9724, 0.3408, 0.3377)
contains.

Yxy(48.0561, 0.3407, 0.3378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.0561, 0.3407, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	CCB3AC
RGB	204, 179, 172
RGB Percent	80%, 70%, 67%
CMY	0.2000, 0.2980, 0.3256
CMYK	0.00, 0.12, 0.16, 0.20
HSL	13°, 24%, 74%
HSV	13°, 16%, 80%
XYZ	48.4687, 48.0561, 45.7372
YIQ	185.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

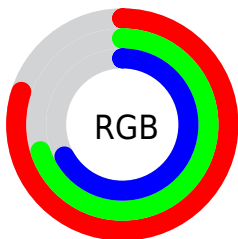
Format	Color
R_YB	204, 181, 172
Decimal	13415340
CIE Lab	74.86, 7.82, 6.87
CIE LCh	75, 10.413, 41.288
Yxy	48.0561, 0.3407, 0.3378
Android (android.graphics.Color)	4291605420 (0xFFCCB3AC)
YUV	185.6770, -6.7428, 16.0693
Hunter-Lab	69.3225, 3.4886, 9.4077

Details

The Yxy color **48.0561, 0.3407, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0530, 0.2888, 0.3200**, and the grayscale version is **48.9449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2227, 0.3315, 0.3370**, and **22.7618, 0.3491, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **41.3143, 0.3633, 0.3438**, and if you desaturate by 10%, it is **55.6598, 0.3219, 0.3321**.

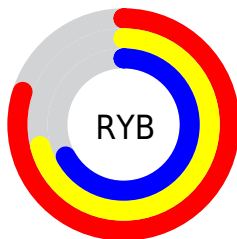
Distribution



Red (80%)

Green (70%)

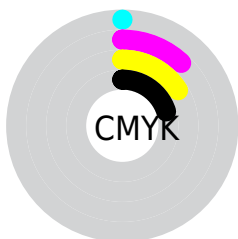
Blue (67%)



Red (80%)

Yellow (71%)

Blue (67%)

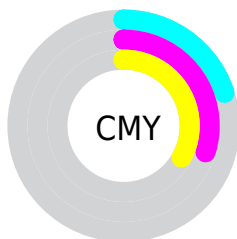


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0561, 0.3407, 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 48.0561, 0.3407, 0.3378 by changing the saturation by 10% instead.


 48.0561, 0.3407,
0.3378

 48.0561, 0.3407,
0.3378


379.0145, 0.3267,
0.3336

 33.8713, 0.3442,
0.3388

 87.2879, 0.3356,
0.3363

 22.7948, 0.3487,
0.3401

113.1038, 0.3337,
0.3357

 14.4420, 0.3547,
0.3417


143.5654, 0.3321,
0.3352

 8.4287, 0.3631,
0.3438

179.0572, 0.3307,
0.3348

 4.3705, 0.3756,
0.3468

219.9637, 0.3295,
0.3344

 1.8829, 0.3962,
0.3512

266.6691, 0.3284,

 0.5381, 0.5219,

0.3341

0.3998

319.5579, 0.3275,
0.3338

0.0000, 0.0000,
0.0000

48.0561, 0.3407,
0.3378

48.0561, 0.3407,
0.3378

41.3143, 0.3633,
0.3438

55.6598, 0.3219,
0.3321

35.3975, 0.3902,
0.3499

64.1479, 0.3064,
0.3268

30.2756, 0.4219,
0.3557

73.5499, 0.2934,
0.3219

25.9142, 0.4582,
0.3606

83.8924, 0.2826,
0.3175

22.2762, 0.4980,
0.3636

91.5792, 0.2827,
0.3289

■ 19.3216, 0.5385,
0.3638

■ 17.0059, 0.5756,
0.3603

■ 15.2789, 0.6047,
0.3532

■ 14.6977, 0.6150,
0.3499

Harmonies

Analogous

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



48.0561, 0.3341, 0.3253



48.0561, 0.3407, 0.3378



48.0561, 0.3396, 0.3483

Triad

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



48.0561, 0.3407, 0.3378



48.0561, 0.3035, 0.3447



48.0561, 0.2942, 0.3048

Complementary

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



48.0561, 0.3407, 0.3378



53.0530, 0.2888, 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.



48.0561, 0.2864, 0.3092



48.0561, 0.3407, 0.3378



48.0561, 0.2917, 0.3322

Square

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



48.0561, 0.3407, 0.3378



48.0561, 0.3179, 0.3527



48.0561, 0.2855, 0.3192



48.0561, 0.3070, 0.3066

Rectangle

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



48.0561, 0.3407, 0.3378



48.0561, 0.3347, 0.3528



48.0561, 0.2855, 0.3192



48.0561, 0.2909, 0.3055

Sweetspot

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



48.0582, 0.3407, 0.3378



93.0193, 0.3209, 0.3317



46.3688, 0.3203, 0.2986



19.7065, 0.3221, 0.3321



0.0000, 0.0000, 0.0000



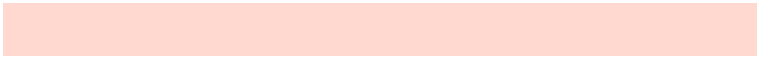
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0582, 0.3407, 0.3378



75.4615, 0.3482, 0.3399



54.8178, 0.3377, 0.3570



11.6061, 0.3285, 0.3342



9.3640, 0.6127, 0.3517



0.5990, 0.5742, 0.3823

Inverse Universe

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



53.0530, 0.2888, 0.3200



85.3450, 0.2835, 0.3178



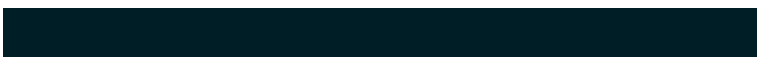
46.1968, 0.2879, 0.2993



12.2931, 0.2983, 0.3238



18.5461, 0.2048, 0.2574



1.0629, 0.2092, 0.2729

Previews

White Background



This preview shows how the Yxy color 48.0561, 0.3407, 0.3378 looks on a white background.

Color Contrast Check

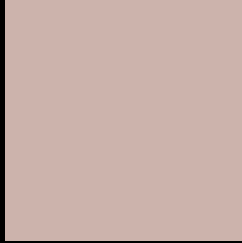
Large Text (above 18pt) WCAG AA × Fail

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 48.0561, 0.3407, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

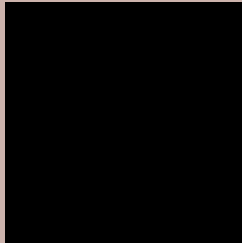
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0561, 0.3407, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 48.0561, 0.3407, 0.3378.



This preview shows how white text looks on a background with the Yxy color 48.0561, 0.3407, 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

48.0561, 0.3407, 0.3378

Protanopia

48.2841, 0.3258, 0.3419

Deuteranopia

48.0847, 0.3436, 0.3365



Tritanopia

47.8902, 0.3276, 0.3120

Trichromacy



Original Color

48.0561, 0.3407, 0.3378

Protanomaly

48.0751, 0.3313, 0.3405

Deuteranomaly

47.9412, 0.3427, 0.3365

Tritanomaly

47.8423, 0.3325, 0.3217

Monochromacy



Original Color

48.0561, 0.3407, 0.3378

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5406, 0.3229, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0561, 0.3407, 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(204, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 172)  
}
```

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(204, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 172) }
```

Border

The CSS property to change the border of an element to Yxy 48.0561, 0.3407, 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(204, 179, 172) }
```

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

```
.border{ border-color:rgb(204, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0561, 0.3407, 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(204, 179, 172) }
```

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

```
.background{ background-color: rgb(204,  
179, 172) }
```

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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